Special Effects That make T-Shirts Sell

This DVD is a live seminar that was videotaped at the U.S. Screen Printing Institute Are you trying to make your prints stand out from others? Are you creating a line of shirts and need a creative boost? This DVD is designed to help you understand how to use Special Effects inks such as glitter, puff, foil, puff and foil, overprints, suede and more to make your images jump off the shirt.

Note: This is NOT a how-to-do it video, although many technical aspects are covered. This is a program to help you design and print special effects to help your images become more outstanding

73-9261-4 Special Effects That Make T-Shirts Sell

T-Shirt Graphics with Adobe Photoshop

Featuring Scott Fresener - 5+ hours
Adobe® Photoshop® is the number one image manipulation program! Now you can do your own process color separations IN HOUSE and save thousands of dollars every year. Why send out your process jobs when you can learn what the separators know. With this step-by-step course you'll learn all about image manipulation, halftones, color correction, proper scanning, unsharp masking, special effects filters, creating process separations AND spot color separations, how to create a white plate, basic dark shirt separations, adjusting separations for specific inks, undercolor removal, tone curve and levels adjustments, action palette, and EVERYTHING THE MANUAL DOESN'T TELL YOU! You will also learn how to use Photoshop's powerful Layers feature to build great T-Shirt graphics. PLUS, it includes a detailed section on creating Index Color separations! This four-DVD set also covers the tools and fundamentals of Adobe® Photoshop® 7.0 and is designed for the beginner AND power user who needs to know about T-Shirt separations. Broken down into dozens of Chapters and Lessons for easy reference, this is the course you will constantly refer back to as a refresher. Play it in your DVD compatible computer while you work in Photoshop. Review sections you want by simply selecting the proper Lesson. This set also comes with a very handy Wall Chart "Cheat-Sheet". What a way to learn Photoshop!

73-9270-0 T-Shirt Graphics w/ Photoshop

Creating Image To Build Your Business

You need this easy to use DVD if you want to make your company succeed. This is one of 4 great marketing DVD's that will help you move your company to the next level with some great marketing strategies.
What goals do you have for your company? The image you create will determine how successful you will be in achieving your goals. This presentation addresses the marketing tools you can use to create a positive image that will enable you to build a stronger business.

These marketing strategies have received rave reviews around the country. If you are serious about taking your company to the next level, we can help. These proven effective concepts will have immediate and practical applications for your company! Are you ready to put together your own Marketing Toolbox?

73-9267-3 DVD Creating An Image/Your Business

FastART™

High resolution, royalty free, photographic quality images.Thirtytwo volumes of high quality art that covers a huge range.

FAST ART XX Fast art DVD

AWT ONE-MAN PRINTERS

AWT SERI-GLIDE ONE-MAN MANUAL PRESS

The A.W.T. Seri-Glide One-Man Squeegee offers an economical solution for short run, high quality screen printing jobs. The all-aluminum Stay-Flat vacuum table provides a flat, warp-proof printing surface. The vacuum hold-down is powered by a maintenance-free quiet motor... the quietest in the industry. Vacuum On/Off is easily controlled by an up front hand lever; the system also features adjustable blowback. Both screen holders and squeegee assembly are counter-balanced, providing easy screen lift and effortless printing action. Adjustable legs allow the vacuum table height to be adjusted for operator comfort and ink control.

Standard features include:

- Rear Clamp Micro-Registration
- All-Aluminum, Warp-Resistant, Rust Resistant Vacuum Table Provides A Completely Flat Surface
- For Fine Quality Hand Printing
- Quiet, Maintenance Free Vacuum Motor
- Up front vacuum & blowback control with optional foot pedal
- Adjustable Counter Balance For Easy Screen Lift
- Smooth Squeegee Stroke Action
- Adjustable Legs For Easier Printing, Better Ink Control
- Print Sizes From 35" x 45" To 72" x 236"
- All are 120 V, 1 Ph, 60 Hz (220 V, 50 Hz available)

Cat. No	Max. Print Area	Max. Frame	Max. Bed Size	Amps
SG-3545M	35" x 45"	52" x 63"	58" x 63"	7.8
SG-4464M	44" x 64"	68" x 88"	73" x 88"	7.8
SG-5280M	52" x 80"	75" x 104"	81" x 104"	7.8
SG-5296M	52" x 96"	68" x 124"	81" x 124"	3.9
SG-52120M	52" x 120"	68" x 144"	81" x 144"	6.5
SG-52150M	52" x 150"	68" x 174"	81" x 174"	3.9
SG-52198M	52" x 198"	68" x 222"	81" x 222"	12.4
SG-52236M	52" x 236"	68" x 260"	81" x 260"	12.4
SG-6096M	60" x 96"	75" x 124"	89" x 124"	6.2

Cat. No	Max. Print Area	Max. Frame	Max. Bed Size	Amps
SG-60120M	60" x 120"	75" x 144"	89" x 144"	7.8
SG-60150M	60" x 150"	75" x 174"	89" x 174"	7.8
SG-60198M	60" x 198"	75" x 222"	89" x 222"	12.4
SG-60236M	60" x 236"	75" x 260"	89" x 260"	12.4
SG-72120M	72" x 120"	93" x 144"	101" x 144"	6.2
SG-72150M	72" x 150"	93" x 170"	101" x 174"	12.4
SG-72198M	72" x 198"	93" x 222"	101" x 222"	12.4
SG-72236M	72" x 236"	93" x 260"	101" x 260"	12.4
SG-86198M	86" x 198"	110" x 222"	115" x 222"	11.0

SYSTEMATIC AUTOMATION MODEL F1-20
Semi-Automatic Precision Screen printer

Systematic Automation Model F1-20

Brilliantly simple and extremely reliable, the Model F1 is a fast, up to 2,500 IPH*, printer that is ideal for nearly all flat and cylindrical screen printing applications. The clamshell style offers easy part access for quick loading and unloading of parts. The pneumatic air operation cannot overload or burnout.
The simplicity of the Model F1 makes it an ideal press for start up operations and the F1's versatility, by making use of modular accessories, means this press will continue to be a shop workhorse for many, many jobs to come. The Model F1 Semi-Automatic Screen Printer is our most popular machine, with hundreds of installations worldwide.

Standard Features:

Front loading fast clamshell style
Independent micro-adjustable squeegee and flood bar height
Table features independently micro-adjustable X, Y and angular movements.
100% pneumatic operation that can not overload or burnout
Heavy-duty X-Y and angular micro-adjust table.
1/2" (12mm) thick tooling plate for X-Y table. Ground flat to +/- .001". Easily interchangeable.
Squeegee holder.
Flood bar.
Independent squeegee/flood bar micro height adjustment.
Heavy-duty welded steel base with casters and tote bins.

Standard Controls:

Independent variable squeegee speed.
Independent variable flood bar speed.
Adjustable print stroke length.
Variable carriage down speed.
Operating pressure adjustment with gauge.
Foot pedal cycle start.
Adjustable screen lift height.
Print/flood cycle, the machine "waits" in flood position.
Air shut-off switch

Options Include:

Pen printer attachments
CD Printer attachments
3D Bottle printer attachments
Dual print head attachment
Programmable logic controller

Completely air driven - operated manually with a foot pedal. Adjustable off contact to 7" (Thicker parts can be accommodated by adding spacers. Easily adjusts with use of a rear screw drive handle on the back of the machine. New and improved flood hold mechanism. Comes with 4 plastic storage bins. Heavy duty casters with locking front casters. Extremely accurate X/Y axis registration control. Independent squeegee and flood bar speed. Heavy duty stand aids easy maneuverability.

Models:

E-F1-12	12 x 12" Tool Plate	12" Maximum Stroke
E-F1-20	20 x 20" Tool Plate	20" Maximum Stroke
E-F1-30	30 x 30" Tool Plate	30" Maximum Stroke

ATMA
Semi-Automatic Precision Screen Printers

PNEUMATIC STEREO CASING FLAT SCREEN PRINTER

This press is suitable for printing on flat-surfaced stereo (0-11.75" thick) substrates made of rigid materials. Adopts ATMA type Two-post print head and non-vacuum Slot Table(Vacuum table as option), table height adjustable, with X/Y-axis registration adjustment knobs. Micro-computer control feature selections, single-actions, digital setting and display, light/beeper indications etc. functions. ISO-9001 & 14001 Certified quality featuring unique vertical screen up/down design, solid and light-weighted structure, compact size, fine finish, extreme accuracy, superb performance and versatility, user friendly operations and functions, environment-friendly energy efficiency, less maintenance, a Top-quality choice of its price level in the market.

AT-600HX	Stereo Casing Printer
Max. Print Area	11.75 x 21.625 inch

PNEUMATIC MINI CURVE SCREEN PRINTER

This press is suitable for printing on 3 dimensional and curved rigid substrates. With optional inflation device, insert tooling and multi-registration it can accommodate soft sided bottles and multi-color printing. Adopts ATMA type Two-post print head. Micro-computer control feature selections, single-actions, digital setting and display, light/beeper indications etc. functions. ISO-9001 & 14001 Certified quality featuring unique vertical screen up/down design, solid and light-weighted structure, compact size, user friendly operations and functions, a Top-quality choice of its price level in the market.

AT-500FAT	Mini Printer Max. Size: 11-3/4 x 18" Print Speed: 900-1800 iph
AT-500FABT	Mini Combo (Flat & Curved) Max. Size: 11-3/4 x 18" Flat .4 - 5-7/8" Diameter Print Speed: 720-1800 iph
AT-TY-500FB/T	Mini Curve Printer Max. Diameter: 4. - 5-7/8" Print Speed: 600-1500 iph

110V (1amp), 1 Phase, 50/60Hz, 56-99 PSI

ATMA
Euro-Spec Precision Screen Printers

DIGITAL FLAT SCREEN PRINTER
Shown With Sliding Bed

This press features a touch screen panel, digital setting with an open front design. It is compact and easy to adjust, with European safety standards. Adopts ATMA type Two-post print head with X/Y-axis registration adjustment knobs. Micro-computer control feature selections, single-actions, digital setting and display, light/beeper indications etc. functions. ISO-9001 & 14001 Certified quality featuring unique vertical screen up/down design, solid and light-weighted structure, compact size, fine finish, extreme accuracy, superb performance and versatility, user friendly operations and functions, environment-friendly energy efficiency, less maintenance, a Top-quality choice of its price level in the market.

AT-60PD	Digital Flat Screen Printer
Max. Print Area	15.75 x 23.625 inch
Max. Frame Size	23.62 x 27.5 inch
AT-70PD	Digital Flat Screen Printer
Max. Print Area	27.5 x 47.25 inch
Max. Frame Size	35.62 x 41.2-5 inch

ELECTRIC FLAT SCREEN PRINTER

This press features a vertical screen lift with no ink off flow. It has a front open design with symbolized console for easy operation. This press is vibration free for ultra smooth ink flow. Adopts ATMA type Two-post print head. This press sets up fast and has European safety standards. ISO-9001 & 14001 Certified quality featuring unique vertical screen up/down design, solid and light-weighted structure, compact size, user friendly operations and functions, a Top-quality choice of its price level in the market.

AT-80P	Digital Flat Screen Printer
Max. Print Area	23.625 x 31.5 inch
Max. Frame Size	35.375 x 45.25 inch
AT-120P	Digital Flat Screen Printer
Max. Print Area	27.5 x 47.25 inch
Max. Frame Size	39.375 x 61 inch
AT-160P	Digital Flat Screen Printer
Max. Print Area	27.5 x 63 inch
Max. Frame Size	39.375 x 76.75 inch

ATMA HIGH PERFORMANCE
Semi-Automatic Precision Screen Printers

ATMECH CLAM SHELL SCREEN PRINTER

The ATMECH Screen Printer features **Elegant Design**, an excellent ATMA technology scintillating outstanding elegancy over logical high-performance design, close tolerance quick-reactive electro-mechanical transmission system for clam-shell action can suffice super high-precision job requirements. **Top Quality**: ISO 9002 certified quality-assurance system, plus "Symbol of Excellence" awarded, assures top quality finish. **Accurate Guide Rail:** Adopts top-quality THK linear guide rails for printing stroke, unifies printing conditions. **Smooth & Stable Run:** Superb precision-keeping plus accurate rail guidance & electronic shock absorption, provides smooth & stable fast-speed run. **Repeatability:** Falls within a close ±0.01mm. **Adjustments Include:** Squeegee/flood coater depth, pressure, inclination angle, skew angle, level, stroke, speed and Screen clearance, X/Y/Ø-angle+micrometer indication, etc. necessary adjustments are all available, for achieving various printing effect requirements.
Application: For flat-surfaced screen-printing on Film, Sheet, Board form substrates made of deforming materials, like Mylars, Posters, Stickers, Membrane Switches, Name Plates, Sign Boards, Printed Circuit Boards etc.

Electric: 220V, 3 Phase, 60 Hz **Air:** 6-8kgs/cm2

ATMECH 57	22 x 30" Clam Shell Press
ATMECH 710	30 x 41" Clam Shell Press

ATMACE 3/4 AUTOMATIC SCREEN PRINTER

The ATMACE Screen Printer features **Elegant Design**, an excellent ATMA technology scintillating outstanding elegancy over logical high-performance design, close tolerance quick-reactive electro-mechanical transmission system can suffice various larger format job requirements. **Top Quality**: ISO 9002 certified quality-assurance system, plus "Symbol of Excellence" awarded, assures top quality finish. **Accurate Guide Rail:** Adopts top-quality THK linear guide rails for printing stroke, unifies printing conditions. **Smooth & Stable Run:** Superb precision-keeping plus accurate rail guidance & electronic shock absorption, provides smooth & stable fast-speed run. **Repeatability:** Falls within a close ±0.02mm. **Adjustments Include:** Squeegee/flood coater depth, pressure, inclination angle, skew angle, level, stroke, speed and Screen clearance, X/Y/Ø-angle+micrometer indication, etc. necessary adjustments are all available, for achieving various printing effect requirements. **Application:** For flat-surfaced screen-printing on Film, Sheet, Thin Board, Mylars, Posters, Stickers, Membrane Switches, Name Plates, Sign Boards, Flexible Printed Circuit Boards etc.

Electric: 220V, 3 Phase, 60 Hz **Air:** 6-8kgs/cm2

ATMACE 67	24 x 30" 3/4 Automatic Press
ATMACE 710	30 x 41" 3/4 Automatic Press
ATMACE 1014	41 x 55" 3/4 Automatic Press
ATMACE 1216	47 x 63" 3/4 Automatic Press

WITH or WITHOUT GRIPPER TAKE-OFF

ATMA HIGH PERFORMANCE
Long-Stroke Screen Printers

All ATMA presses are built to the highest standards, assured by ISO9001 certification. The table is made from aero quality aluminum with a honey comb interior that is strong and light weight. It is driven by the highest quality German "SEW" motor on linear bearing rails with shock free speed control. This assures smooth, quiet running with a minimum of wear and accurate stop positioning. The selectable up/down register guides on three sides enables same point registering for two sided printing.

Screens are inserted from the front and held by loose-proof air locks. X/Y axis registration knobs adjust in numerical micrometers. Screen up/down motion is driven by a "SEW" motor plus syncro chain and shock free speed control. The off contact is set by a numerical adjustment knob for synchronized peel off contact.

The print head is driven on the finest linear bearing rails with variable shock free speed control. The head runs stably and smoothly at all speeds with individually adjustable print and flood speeds.

The take off on the 'G Type" features a side out, reversible conveyer system. The variable speed conveyer's vacuum system holds sheets until dropped onto the dryer. Grippers adapt from 0-6mm and has a release dwell time control.

The separate control box has controls: Power On/Off, System On/Off, 3 Operational Modes, 3 Vacuum Modes, 3 Cycle Modes, Clean Up Lift, Screen Up/Down, Print Head Left/Right, Squeegee Up/Down, Flood Up/Down, Table In/Out, Print Speed, Flood Speed, Auto Timer, Table Dwell Timer, Counter, Emergency Stop, Shields, Conveyer On/Off, Gripper On/Off, Conveyer Speed, Blow Back Dwell, and Gripper Release.

All ATMA products meet European Safety standards.

MODEL	1020	1225	1530	1536
MAXIMUM SHEET SIZE	40" x 79"	48" x 98"	60" x 118"	60" x 144"
TABLE SIZE	47" x 94"	59" x 118"	71" x 142"	71" x 165"
VACUUM SIZE	40" x 79"	48" x 98"	60" x 118"	60" x 144"
MAXIMUM FRAME OD	59" x 99"	69" x 123"	82" x 144"	82" x 169"
SCREEN TABLE CLEARANCE				
STAND-BY (CLEAN-UP)	3.9" (12")	3.9" (15")	3.9" (15")	3.9" (15")
IMPRESSIONS PER HOUR	390	360	300	240
OUTER DIMENSIONS	136"x127"x57"	160"x152"x57"	183"x174"x57"	207"x174"x57"

ALL MODELS: SUBSTRATE THICKNESS = 0-0.23" **PRINT HEAD SPEED 0-30"/SEC**

X/Y AXIS ADJUST 0-.4" **PRINT HEAD SKEW 0-2°**

POWER 240V/480V, 3 PHASE 20A/10A **AIR (PSI) 90-110**

Falcon™

Semi-automatic Flatbed Presss

Production Proven.

These heavy duty machines provide a combination of durable construction, quality workmanship, pin point accuracy and total print control. With cycle speeds up to 1000 pieces per hour, these chain driven units are equipped with independent squeegee and flood bar control for speed, pressure, and angle.

The rigidity of the print head and the all over machine strength will provide years of printing accuracy. The solvent resistant aluminum table provides a perfectly flat printing surface with years of durability.

Features:

- •Chain Driven Head
- •Independent squeegee and flood bar adjustments
- •Stroke adjustment on the top of the print head
- •Micro adjustable print table.
- •Manual jog button for set up.
- •Adjustable print stroke length
- •Digital stroke counter
- •Easy to understand control panel
- •Automatic dwell timer
- •Heavy duty construction
- •Flush wall design
- •Manual foot pedal
- •Safety bar included
- •Squeegee/flood bar included
- •Heavy duty castors

Falcon	**E-BR-FB1515A**	**E-BR-FB2024A**	**E-BR-FB-2538A**	**E-BR-FB3852A**
Print Size:	15 x 15”	20 x 24”	25” x 38”	38” x 52”
Max Frame Size OD	20 x 24”	30 x 36”	42” x 50”	54” x 64”
Power Requirements	120V, 20A	120V, 20A	120V, 20A	120V, 20A
Depth/Width	35” X 35”*	42” X 46”*	48” x 67”	64” x 80”
Shipping Weight	500 LBS.	600 LBS.	1300 lbs.	1600 lbs.

*approximate

Northwest Graphic Supply Co.
4200 East Lake St. • Minneapolis, MN 55406

ANATOL EQUIPMENT
ENTRY LEVEL AUTOMATIC TEXTILE PRINTERS

ANATOL EQUIPMENT HORIZON SERIES

The Horizon is the perfect entry level automatic press to add to any print shop. Compare the special configurations and small sizing with competitive machines. Since we introduced the Horizon we've had overwhelming response to this machine as the best option to a first automatic press.

This press has the same heavy duty construction as the rest of the entire Anatol line of equipment. The Control panel is mounted on a rotating arm for easy setup and functionality. It's not only a great choice for a startup machine but it can fit in the smallest areas. It is engineered for longevity and reliability with minimal downtime and maintenance. For example, the Rod Cylinders are protected from sprays and inks, the rotating control panel facilitates fast start-ups and change-overs and special configurations and small sizing make it very versatile. At just under 8' in diameter this is one of the smallest automatic presses on the market.

This press is full of standard features that make setup, printing and teardown quick and easy. This includes Quick Release Systems for both Pallets and Squeegee/Flood Bars, Side Screen Clamps and Front Loading Screens. All Anatol equipment is designed to meet or exceed industry standards and can be used with other manufacturer's equipment such as pre-press registration systems and pallets.

Standard Features:

Its large column with thrust ball bearing provides registration stability and long life. Its small footprint accommodates tight spaces.
The pneumatic indexer contains a hydraulic shock absorber that is air cooled for superior running efficiency and durability in a wide range of operating conditions. The heavy duty linear bearings are easily accessible for maintenance.
ings are easily accessible for maintenance.
The main control panel has a digital microprocessor that is easy to program for fast set-ups. It rotates 340 degrees for easy access at any station, and is programmable for:
self-diagnostic features automatic sequential start/finish functions
multiple print strokes for each head
sample print feature to print one shirt automatically
dwell times to adjust cycling speed/cool down time
full flash programming including dwell
the screen displays print count and speed (dozens/hr)
Individual print head controls perform the following functions:
print speed, flood speed, screen clamping, & squeegee pressure
The tool-less adjustments include:
gauged, front/rear stroke adjustments that are easy to slide into lock/unlock positions

Presses:

HOR-0604	4 Color, 6 Station Automatic Press
HOR-0605	5 Color, 6 Station Automatic Press
HOR-0806	6 Color, 8 Station Automatic Press
HOR-1008	8 Color, 10 Station Automatic Press
HOR-1210	12 Color, 10 Station Automatic Press

Options:

IHOC	Individual Off Contact
SMBT	Smash Button for skip shirt
SEXT	Screen width extensions
FTPD	Foot Pedal
PREREG	Pressure regulator (per head)
IRSF-1820	18x20" Shuttle IR Panel
RQWF-1620	16x20" Rapid Wave Quartz Flash,

ANATOL EQUIPMENT
STRATUS AUTOMATIC TEXTILE PRINTERS

ANATOL EQUIPMENT STRATUS SERIES

ANATOL Equipment has introduced a new automatic printer for the professional who wants the option of 6-12 color and enough print stations to equip the printer with enough platens to allow multiple flash stations. this modestly priced machine allows the screen printer to be competitive in today's new an fast paced market. ANATOL offers the same quality and components in all of their presses. The STRATUS is extremely affordable despite a list of standard and optional features unique to its class. This affordable, high performance automatic textile press is designed for quick set-ups and high speed production. It is loaded with time saving out-put enhancing features, including MEMBRANE SWITCH CONTROL PANEL, and membrane switches on each head. The Stratus is available in either a Pneumatic or Servo indexer.

Standard features include;

- Safety lock bars with indicator lights
- Central Off Contact Regulator from 0-0.5”
- Membrane Switch Main Control Panel
- Membrane Control Panel on each Print Head
- Screen Frame Air Lock, Micro-registration System
- Front & Rear Stroke Adjustment
- Pneumatic Lift & Lower Drive
- Screen Air Clamps
- 1 Set of 16” Screen Holders & Flood Bars and 1 Set of 16” x 22” Solid Rubber Coated Aluminum Pallets
- Two Year Limited Warranty

Presses;

STR-0806	6 Color, 8 Station Automatic Press
STR-1008	8 Color, 10 Station Automatic Press
STR-1210	10 Color, 12 Station Automatic Press
STR-1412	12 Color, 14 Station Automatic Press
STR-1614	14 Color, 16 Station Automatic Press

Options;

IHOC	Individual Off Contact
SMBT	Smash Button for skip shirt
SEXT	Screen width extensions
FTPD	Foot Pedal
PREREG	Pressure regulator (per head)
IRSF-1820	18x20” Shuttle IR Panel
RQWF-1620	16x20” Rapid Wave Quartz Flash, **(Shown below)**

ANATOL EQUIPMENT
TRIDENT AUTOMATIC TEXTILE PRINTERS

ANATOL TRIDENT SERIES TEXTILE PRESS

The Trident is built to last, its heavy duty industrial strength steel frame promotes high speed, smooth production cycles. ANATOL is offering entry level pricing on this high level automatic textile press to meet the challenging needs of the small and medium size shops. The Trident features a full 16" x 18" print area and is available in 6 and 8 color models. These presses feature an air driven pallet index system capable of plus or minus .001" machine registration. It has adjustable front & rear stroke travel to accommodate smaller screens & designs. It has a sample print feature that allows the printing of one shirt automatically. It also has multiple print capability. All ANATOL presses have rapid, no tool pallet change for fast and easy changeover.

ANATOL presses have side screen holders which allow for ease of set-up (load screens from the front), accommodate various screen sizes and offer the ability to adjust positioning of screens that have multiple names.

Standard features include;

- Laser Safety System
- Central Off Contact Regulator from 0-0.5"
- Membrane Switch Main Control Panel
- Membrane Control Panel on each Print Head
- Screen Frame Air Lock, Micro-registration System
- Front & Rear Stroke Adjustment
- Screen Air Clamps
- Squeegee Pressure Regulator
- Independently Controlled Squeegee, Flood Bar and Print Carriage Cylinder (allows squeegee & flood bar both in the up position)
- 1 Set of 16" Screen Holders & Flood Bars and 1 Set of 16" x 22" Solid Rubber Coated Aluminum Pallets
- Two Year Limited Warranty

Presses;

TA-0806 Press	Trident 6 Color, 8 Station Automatic
TA-1008 Press	Trident 8 Color,10 Station Automatic

Options;

Q-RSH	Quick Release Side Hinge for Quick Screen Removal
COC-GA	Gauged Central Off Contact Register
PNSQ-2 Clamps	Pneumatic Squeegee & Flood Bar
SW	Skip Switch

Flashes;

TSF-1820	18x20" Shuttle Flash IR Panel, 208/240V, 1Ph
TRW-1620	16x20" Rapid Wave Quartz Flash, ,208/240V, 1Ph
TSQF-618	18x24" Q-Runner Servo Driven Quartz Head Flash (Does not tie up print station), 208/240V, 1Ph

ANATOL EQUIPMENT
VINDICATOR AUTOMATIC TEXTILE PRINTERS

ANATOL EQUIPMENT VINDICATOR SERIES
Since 1982, ANATOL has specialized in high-speed assembly, precision tooling and robotics, providing cost-effective solutions for the automotive, electronics and medical industries. With a client roster of Fortune500 companies, ANATOL has a proven record of reliability and premium efficiency bringing proven technology from multi-million dollar machinery to screen printing equipment.

The Vindicator, a fully servo driven textile printing press, confirms ANATOL's extraordinary reliability and ultimate efficiency within the screen printing industry. The Vindicator's fully servo driven table lift, print heads and indexer assure superior print consistency, impeccable registration and high speed, smooth production cycles time after time.

The Vindicator is controlled from and operator friendly PLC system, allowing the user quick and easy access to all machine parameters from the main console. In addition, the Vindicator is equipped with a membrane control panel, on each print head to assure fast setups and effortless changes.

Standard features include;
- Servo Indexer, Servo lift & lower, Servo Heads
- Digital Off Contact adjustable 0-0.5" from touch screen panel
- counter-clockwise and Clockwise
- * Laser Safety System
- Central Off Contact Regulator from 0-0.5"
- Membrane Control Panel on each Print Head
- Single/Double Print Mode
- Windows-Based Touch Screen Control Panel, gives operator access to all machine parameters and encourages ultra fast set-up
- Save and restore all machine parameters, creating ISO-standard documentation set-up
- On Board self-communication diagnostic system with remote capabilities
- 1 Set of 16" Screen Holders & Flood Bars and 1 Set of 16 x 22" Solid Rubber Coated Aluminum Pallets
- Three Year Warranty

Presses:

VTPS-1008	8 Color, 10 Station Automatic Press
VTPS-1210	10 Color, 12 Station Automatic Press
VTPS-1412	12 Color, 14 Station Automatic Press
VTPS-1614	14 Color, 16 Station Automatic Press
VTPS-1816	16 Color, 18 Station Automatic Press
VTPS-2018	18 Color, 20 Station Automatic Press

Options:

PNSQ-2 Clamps	Squeegee & Flood Quick Release
Q-RSH	Quick Release Side Hinge for quick screen removal
H-OC	Individual Off-Contact
FP	Foot Pedal
SW	Skip Switch

Flash Dryers:

ATQF-2028	Accu-Temp Quarts Flash, any electrical
TSF-1820	18x20" Shuttle Flash IR Panel, 208/240V, 1Ph
TRW-1620	16x20" Rapid Wave Quartz, 208/240V, 1Ph
PRW-2028	20x28" Rapid Wave Quartz, 208/240V, 1Ph

ANATOL EQUIPMENT
MANUAL TEXTILE PRINTERS

The ANATOL LIGHTNING Carousel Printer incorporates the newest technology in a carousel printer yet maintaining a competitive price to compete against those less equipped printers. The Anatol engineers designed this press to be lightweight but strong for quick and easy set-ups. We also offer a heavier industrial manual press called Thunder.

All Anatol manual presses are manufactured with the "All Heads Down" feature. This is another example of how Anatol is committed to providing you with a complete press, ready to print world class product.

The Lightning manual press comes standard with side screen clamps. You can mix or match side or back clamps at no additional charge. The side clamps are adjustable to run screens that are 26"x36" and smaller.

MODELS:

MTP-L44	Manual Textile 4 Color 4 Station
MTP-L64	Manual Textile 6 Color 4 Station
MTP-L66	Manual Textile 6 Color 6 Station
MTP-L84	Manual Textile 8 Color 4 Station
MTP-L88	Manual Textile 8 Color 8 Station

Included in the price of the carousel are:

- Heavy duty construction (minimum flex on tables against heads when squeegee pressure is used)
- Micro-registration same as on all automatic machines (gives fine tuning control)
- Side-clamp screen holders (or back clamp screen holder. Note! not standard, please specify)
- Customer can choose ANATOL or M&R style pallets. Same price.
- Rubber coated aluminum pallets 16 x 22” standard with **PRESS one per station**
- Two year limited warranty

Carousel Printer Options & Accessories

MTP-SAC	Side Screen Air Clamps (4 air cylinders)
MTP-RCC	Rear Clamp Conversion (w/o airlock)
MTP-RCCAL	Rear Clamp Conversion (with airlock)
MTP-CAPATT	Cap attachment
MTP-PSS-1	Pallet - Sleeve, Single 4”x20”
MTP-PAL-1016	Pallet Solid Aluminum 10”x16”
MTP-PAL-1216	Pallet Solid Aluminum 12”x16”
MTP-PAL-1516	Pallet Solid Aluminum 15”x16”

Brown Manufacturing
Electraprint Automatic Masterprint Manual

Brown ElectraPrint™ Automatic

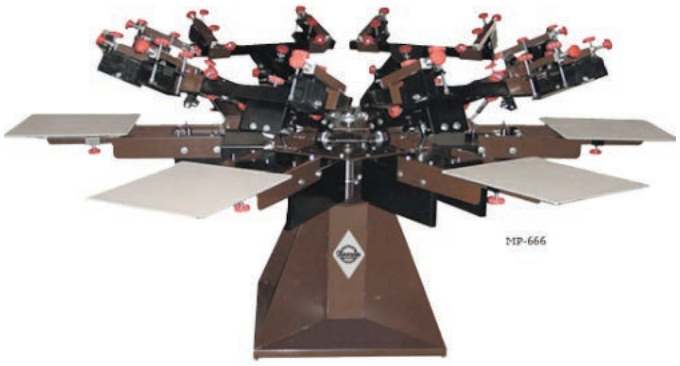
The ease of Electricity! Just plug it in and off you go. ***No*** Air required! Chain driven heads, motorized platen lift, and independent motorized squeegee and flood bars make this press simple to operate and a breeze to maintain. Electric drive systems make sense.

Features:

Direct-drive x-y-z micro adjustments.
Print stroke length up to 18".
PLC controlled auto start and auto shut down.
Operator driven start and production speed.
Manual print mode on each head.
Independent flood bar and squeegee pressure.
Simple and independent squeegee and flood bar removal.
9 print cycles per head.
Adjustable off contact on each head.
Full machine adjust off contact.
Hardened steel registration system.
Maintenance free platen lift.
Print stroke adjustable in front and back.
No wear, easily accessible bearing system.
Expandable.
Fits through any standard doorway.

Model Specifications:

ElectraPrint	AP-48S	AP-68S	AP-78S
Colors	4	6	7
Stations	8	8	8
Power	120V, 10A	120V, 10A	120V, 10A
Screen Size	25"x31"	25"x31"	25"x31"
Lgt/Wth/Hgt	126"x126"x60"	126"x126"x60"	126"x126"x60"
Ship Wgt	1200 lbs.	1800 lbs.	2000 lbs.



MasterPrinter®

Brown MasterPrinter Manual Press

Over the past 25 years, the ruggedly constructed PasterPrinter has built a reputation for being maintenance free, holding perfect registration, and having the finest "direct drive" micro adjustment system available. MasterPrinters are equipped with every convenience that an experienced press operator will be sure to appreciate.

Standard Features:

Direct Drive" x-y-z micro adjustment
Side clamps for solid holding power
Quick release aluminum, warp free platens
Dual rail platen leveling
Sealed roller bearings surrounding the full length center shaft, and at the print head pivot points.
Heavy steel construction
Accepts all standard Brown attachments to print jackets, hats, and numbers

Model Specifications:

MasterPrinter	MP-444	MP-644	MP-666	MP-844	MP-888
Colors	4	6	6	8	8
Stations	4	4	6	4	
Platen	16"x18"	16"x 18"	16"x18"	16"x18"	16"x18"
Screen OD	25"x32"	25"x32"	25"x32"	25"x32"	25"x32"
L/W/H	98x98x47	108x108x47	108x108x47	128x128x47	128x128x47
Ship Wgt	500 lbs.	750 lbs.	820 lbs.	900 lbs.	950 lbs.

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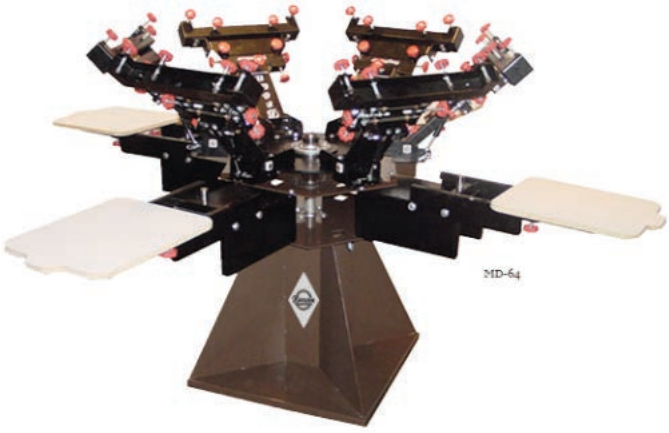
Brown Manufacturing

Midline Printer PonyPrinter



MidLine™ Printer

Brown Manufacturing Midline™ Manual Press

Lightweight and Durable. Designed with durability in mind, these presses offer solid performance at reasonable prices. Designed with back clamps and a pinpoint registration system, the Sherman makes any print job fast to set up.
The rigid construction promises perfect registration throughout a print run.

Features:

Knob driven micro registration
Macro adjustments for print head leveling
Independent left to right macro
Melamine coated wood platens
Sealed roller bearings surrounding the full length center shaft
Heavy steel construction
Accepts all standard Brown attachments to print jackets, hats, and numbers

Model Specifications:

Midline	MD-44	MD-64
Colors	4	6
Stations	4	4
Platen Size	14"x14"	14"x14"
Screen Size	25"x32"	25"x32"
Lgt/Wth/Hgt	98"x98"x47"	108"x108"x47"
Ship Wgt	500 lbs.	820 lbs.

PonyPrinter™

Brown Manufacturing Pony Manual Press

Expandable. The PonyPrinter produces great printing results for a low investment. Featuring a solid registration system and a micro-adjustment, this machine's lightweight design makes it a breeze to operate.

Features:

X-Y-Z micro registration
Hardened steel registration gate
Individual head off contact control
Durable heavy steel construction
Melamine coated wood platens
Accepts all standard Brown attachments to print jackets, hats, sleeves, and numbers
Upgradeable from stationary to rotary and from 4 to 6 colors

Model Specifications:

Pony	PP-41	PP-42	PP-44	PP-62	PP-64
Colors	4	4	4	6	6
Stations	1	2	4	2	4
Platen	14"x14"	14"x14"	14"x14"	14"x14"	14"x14"
L/W/H	75x70x53	82x70x53	82x77x56	82x70x53	128x128x56
Ship Wgt	250 lbs.	300 lbs.	350 lbs.	550 lbs.	700 lbs.

LIVINGSTON SYSTEMS
PRINTER ATTACHMENTS

HAT CHAMP
The Hat Champ is designed to fit on any press. You do not need special screens you can use your regular screens. The platens are exchangeable, they thumb screw on and off so you can print on all types of caps and visors. The platens come with two removable foam pads, one with a groove for ease in printing on the seamed six panel caps. Hat Champ's unique pull and lock system holds secure enough for multi-color printing no adhesive required. It features micro-registration on level and height. An instructional video is included with helpful printing tips.

Hat Champ Styles

#1R	Hat Champ #1 (Standard)
#2R	Hat Champ #2 (Standard and low profile)
#3R	Hat Champ #3 (Standard, low profile & tall visor)
#4R	Hat Champ #4 (Standard, low profile, tall visor & low low profile)
#1234PR	Individual Platen
#VPR	Slotted Visor Platen (2" visor)

JACKET CHAMP
The Jacket Champ jacket holddown comes in five different sizes from 10" to 18" for printing on the backs of jackets. It adapts to all presses. The clam shell locking system holds the jacket in place for multi-color printing. It stretches, clamps and locks in one quick motion. the spring loaded lifter holds the clamp up while loading the jacket. It adjusts to accommodate light to heavy weight jackets. No adhesive is required.

Jacket Champ - Sure Clamp Jacket Holddowns

#10R	10" Youth jacket hold down
#13R	13-1/2" Jacket hold down
#14R	14-1/2" Jacket hold down
#16R	16-1/2" Jacket hold down
#18R	18-1/2" Jacket hold down

POCKET CHAMP
The Pocket Champ is a pocket printing attachment which slides onto your shirt platen (platen sold separately) and thumb screw tightens to the board. It has a 4" x 4" printing area.

#01R	Pocket Champ (pocket printer)

UltraSierra™

The ultimate in an electric conveyer dryer. The UltraSeirra has been the front runner in quality and reliability for decades. You can count on accurate oven temperature control along with many other convenient operating features to ensure perfect curing on a wide variety of materials from silk to canvas. UltraSierra dryers are easy to understand, efficient to operate, totally reliable and a pleasure to own.

Features:

- •Solid state digital temperature monitor system main tains stable temperature at belt level of +/-7 degrees.
- •Heater panel operating lights.
- •Calrod heating panels have a 3 year replacement warranty.
- •The heating rack is adjustable from 3" to 8" above the belt, and angles for hats.
- •Angles for curing hats.
- •Forced air and powered exhausts are equipped with variable speed controls.
- •Teflon coated fiberglass belt.
- •4" heavy duty crowned conveyor roller.
- •Insulated double wall sides.
- •Custom sizes and features available.
- •Extended exhaust fan chamber pulls fumes from the garment and keeps the heat in the oven.
- •Belt reversing switch
- •Cooling station on the exit end cools the shirt before it reaches the operator.

Model Specifications:

Dryer Size	Exhaust Chamber	Oven Length	Belt Width	Belt Length	Shipping Wt.
USX2408	10"	48"	24"	8'	600 lbs.
USX3609	10"	48"	36"	9'	800 lbs.
USX4809	10"	48"	48"	9'	900 lbs.
USX3611	10"	72"	36"	11'	900 lbs.
USX4811	10"	72"	48"	11'	1100 lbs.
USX3615	10"	108"	36"	15'	1400 lbs.
USX4815	10"	108"	48"	15'	1700 lbs.
USX6015	10"	108"	48"	15'	1700 lbs.

All UltraSierra Dryers use 240V

Sierra™

Production guaranteed. Sierra™ dryers combine state of the art electronics of the UltraSierra with the economical pricing of the Blazer to get a dryer with precision heat control, solid state production and reasonable cost.

Features:

- •Solid state digital temperature monitor system maintains stable temperature at belt level of +/-7 degrees.
- •Calrod heating panels have a 3 year replacement warranty.
- •The heating rack is adjustable from 3" to 8" above the belt.
- •Angles for curing hats.
- •Forced air and powered exhausts are equipped with variable speed controls.
- •4" heavy duty crowned conveyor roller.
- •Insulated double wall sides.
- •Extended exhaust fan chamber pulls fumes from the garment and keeps the heat in the oven.

Model Specifications:

Dryer Size	Exhaust Chamber	Oven Length	Belt Width	Belt Length	Shipping Wt.
SAX2408	10"	48"	24"	8'	600 lbs.
SAX3609	10"	48"	36"	9'	800 lbs.
SAX4809	10"	48"	48"	9'	900 lbs.
SAX3611	10"	72"	36"	11'	900 lbs.
SAX4811	10"	72"	48"	11'	1100 lbs.
SAX3615	10"	108"	36"	15'	1400 lbs.
SAX4815	10"	108"	48"	15'	1700 lbs.

All Sierra Dryers use 240V

AirBlazer™ Pony™ and AirPony™

Brown Manufacturing Air Blazer Electric Dryers

The Brown Blazer Series of electric dryers are designed to thoroughly cure plastisol and nylon ink systems. These economical units feature dependable calrod heating panels in an efficient heat controlled oven chamber. Simple to operate and reliable curing make these a great value.

Features:

- •Premium fan cooled adjustable temperature controls with light indicator
- •Belt reversing switch
- •Forced air powered exhaust
- •Calrod heating panels have a 3 year replacement warranty.
- •The heating rack is adjustable from 3" to 8" above the belt.
- •Angles for curing hats.
- •Forced air and powered exhausts are equipped with variable speed controls.
- •4" heavy duty crowned conveyor roller.
- •Insulated double wall sides.
- •Extended exhaust fan chamber pulls fumes from the garment and keeps the heat in the oven.

Model Specifications:

Dryer Size	Exhaust Chamber	Oven Length	Belt Width	Belt Length	Shipping Wt.
ABX2408	10"	48"	24"	8'	600 lbs.
ABX3609	10"	48"	36"	9'	800 lbs.
ABX4809	10"	48"	48"	9'	900 lbs.
ABX3611	10"	72"	36"	11'	900 lbs.
ABX4811	10"	72"	48"	11'	1100 lbs.
ABX4815	10"	108"	48"	15'	1700 lbs.

All AirBlazer Dryers use 240V

The Brown Pony™ Series of electric dryers are big on production and small on space. They are loaded with convenient features and priced to fit any budget.

Features:

- •Easily adjustable heater height
- •NEW! Brown exclusive belt reversing switch
- •Premium fan cooled adjustable temperature controls with light indicators
- •Optional solid state digital temperature monitor system maintains stable oven temperature at belt levels of +/- 7 degrees.
- •Insulated side walls
- •Calrod heaters warranteed for 3 years
- •Crowned rollers for perfect belt tracking
- •Dual power cords for easy 120V connection
- •AirPony dryers come with forced air and powered exhaust

Pony Dryer	Oven L	Belt W	Belt L	Wt.
PD-2004	24”	20”	4’	150 lbs.
PD-2006	36”	20”	6”	250 lbs.
PD-2407	48”	24”	7’	350 lbs.

AirPony	Oven L	Belt W	Belt L	Wt.
AP-2004	24”	20”	4’	150 lbs.
AP-2006	36”	20”	6”	250 lbs.
AP-2407	48”	24”	7’	350 lbs.

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GAS TEXTILE DRYERS

ANATOL HIGH PERFORMANCE GAS

ANATOL HI-PERFORMANCE GAS DRYERS

ANATOL Conveyor Dryers are leading the industry in dryer design and innovation at a cost that makes them the best buy in the dryer market. These dryers provide even curing of plastisol, puff, nylon, waterbase and most evaporative inks. It offers the highest temperature ranges and ultimate drying control available. Excellent pricing for a high production dryer. Gas is ideal for all types of textile printing, plastisol, water-base, nylon etc. ANATOL brings experience, technology, innovation and reliability to the printer who needs ultimate dryer control.

Features include;

- Belt width 48", 60" and 72"
- Recirculating blower with 2200 cfm
- 500 cfm exhaust blower
- Temperature control and temperature profiling feature
- 450 degrees fahrenheit maximum temperature
- Two burner's 440,000 BTU, compatible with natural or LP gas
- Centralization malfunction diagnostics system
- Solid State 1/4 hp DC drive control for the conveyor
- Digital belt speed display
- Automatic, Temperature controlled cool-down mode
- Heat exchanger for incoming ambient air
- No negative pressure, thanks to outside air utilization
- High efficiency thermal insulation

Galvanized interior construction

- 3 Phase 208-230VAC/6.6 Amps
- 12' Heat length chamber
- 5' Infeed, 5' Outfeed Standard, 22' Overall
- Two Years Limited Warranty

Dryers;

MGD-II-48-12	48" Mariah II Dryer, 12' Oven
MGD-II-60-12	60" Mariah II Dryer, 12' Oven
MGD-II-72-12	60" Mariah II Dryer, 12' Oven

Three Burner (MGD-III) models available.

ANATOL STANDARD GAS DRYER

ANATOL STANDARD GAS DRYERS

ANATOL Conveyor Dryers are leading the industry in dryer design and innovation at a cost that makes them the best buy in the dryer market. The dryers provide economical even curing of plastisol, puff, nylon, waterbase and most evaporative inks. It's Exclusive Split Air Delivery System allows uniform high speed air flow inside the dryer. Prices make this an excellent choice for a start up high production dryer. Gas is ideal for all types of textile printing, plastisol, water-base, nylon etc. Gas does not scorch the way radiant dryers do. For a little more GET A LOT MORE

Features include;

- Belt width 30", 38", 48", 60", and 72"
- Recirculating blower with 2200 cfm
- 500 cfm exhaust blower
- Temperature control and temperature profiling feature
- 450 degrees fahrenheit maximum temperature
- A single burner is 220,-- BTU and is compatible with natural or LP gas
- Centralization malfunction diagnostics system
- Solid State 1/4 hp DC drive control for the conveyor
- Digital belt speed display
- Automatic, Temperature controlled cool-down mode
- Heat exchanger for incoming ambient air
- No negative pressure . . . thanks to outside air utilization
- High efficiency thermal insulation

Galvanized interior construction

- 3 Phase 208-230VAC/6.6 Amps
- 10' Heat length chamber
- 5' Infeed, 5' Outfeed Standard, 20' Overall
- Two Years Limited Warranty

Dryers;

MGD-1-30	30" Mariah Dryer, 7'6" Oven
MGD-1-38-07	38" Mariah Dryer, 7'6"' Oven
MGD-1-38-10	38" Mariah Dryer, 10' Oven
MGD-1-48-10	48" Mariah Dryer, 10' Oven
MGD-1-60-10	60" Mariah Dryer, 10' Oven
MGD-1-72-10	72" Mariah Dryer, 10' Oven

ANATOL ELECTRIC DRYER

ANATOL Solutions Series Electric Dryers

When gas is not a choice the Solutions series provides the ultimate in professional performance textile dryers at inexpensive pricing. We have specifically designed selected models with enhanced circulation and exhaust blowers to provide consistent curing even for water-base and specialty inks. Standard features include efficient infrared heat panels, programmable temperature controller, automatic cool down mode, Teflon coated fiberglass belt driven by an industrial grade variable speed DC motor, and radiant heat panels that can be easily raised and lowered.

Of course Anatol quality comes standard as well. Long life combined with ease of use and maintenance is a priority, and as with all our equipment every feature needed to get the job done right comes standard. Its double skin construction with efficient insulating chamber provides greatly reduced outer skin temperatures and economical operation. With a full range of sizes and options ? whether your goal is to complement the output demands of a manual or high speed automatic ? Anatol is sure to have a dryer to fit your budget and space.

ALL MODELS INCLUDE

- Efficient infrared heat panels for even temperatures
- Industrial grade DC motor-driven belt drive
- Solid state variable belt speed control for consistency
- Programmable temperature controller
- Adjustable infeed/out feed openings for substrate flexibility
- Large heavy duty conveyor rollers for positive traction
- Teflon coated fiberglass belt for long belt life and easy cleaning
- Automatically controlled cool down mode for increased belt life
- Double wall construction with galvanized interior
- High efficiency thermal insulation keeps utility bills down & outside skin temps. low
- Heavy duty multisection construction for durability

MOST MODELS INCLUDE

- Controllable air system
- Adjustable level heat panels
- Air cooled control cabinet
- Larger models include infeed/out feed exhaust hoods
- LED belt speed display
- Stainless steel slide out filters

Available in belt Withs of 20”, 24”, 30”, 38”, and 48”
With oven lengths w of 4’, 5’, 6’, &9’6”.

ANATOL FLASH UNITS

RAPID WAVE QUARTZ

ANATOL SPOT HEATERS

ANATOL Spot Heaters offer reliability and years of performance. All ANATOL Spot heaters include the following features. Heat control allows adjustment from ambient to 450°F. Height adjustable. Supported by steel tube frame. All steel construction. Two Year Limited Warranty

INFRARED FLASH

Features digital temperature control.

E-IRSF-1820 Radiant Panel 18x20”, 208-240V, 1Ph
E-IRSF-1820TC Radiant Panel 18x20”, w/Temp Control
E-IRSF-2028 Radiant Panel 20x28”, 208-240V, 1Ph
E-IRSF-STD Floor Stand for above Flashes

RAPID WAVE QUARTZ

Features ultra fast halogen quartz lamps with 3 control zones and cure power regulator.

E-RWQF-1616 16x16” 208-240V, 1Ph
E-RWQF-1620 16x20” 208-240V, 1Ph
E-RQWF-2024 20X24” 208-240V, 1PH
E-RWQF-2028 20x28” 208-240V, 1Ph

ACCU-TEMP QUARTZ, For Vindicator
E-ATQF-2028 Accu-Temp Quartz Flash

SHUTTLE FLASH, for Automatic Presses
E-IRSF-1820 IR Panel 18x20”, 208-240V, 1Ph
E-IRSF-2028 IR Panel 20x28”, 208-240V, 1Ph

FastFlash™

FastFlash units are specifically designed to successfully flash cure in seconds and fully cure in 20 to 60 seconds. They allow height adjustment of from 30" to 40". All units are equipped with c asters and rheostat controls. the calrods in the heaters are warranteed for 3 years.

Automatic Flash Both models can be purchased with a timer that moves the head out over the platten for a specified period of time, and then returns to the home position. This insures a perfect flash and eliminates the risk of leaving the head over the top of the platten.

Model Specifications:

Model	Heat Area	Power	Amps
Manual Units			
E-BR-FF-1616	16" x 16"	120V	15A
E-BR-FF-2020	20" x 20"	240V	15A
Automatic Units			
E-BF-FFA-1616	16" x 16"	120V	15A
E-BF-FFA-2020	20" x 20"	240V	15A

QuartzAir™ Flash

QuartzAir flashes have foot switch controlled timers for instant on and repeatability. They feature forced air, a prewarmer, and independent zone control

Model Specifications:

Model	Heat Area	Power	Amps
QuartzAir			
E-BR-QF-1618	16" x 18"	240V	25A
E-BR-QF-2024	20" x 24"	240V	35A

BBC AFFORD-A-FLASH SPOT HEATERS

Black Body Corporation introduced their latest spot dryers as an economy heater These economy heaters include all steel heavy duty construction. Casters allow easy movement to work stations. Plastic handle allows operator to swivel head or roll entire unit to another location. Heavy duty 10' cord. These units are on constantly as long as they are left plugged in. A bracket and heat control unit may be purchased separately.

E-BFAAF-1600	
16X16" Afford-A-Flash	
Heater Dimensions:	
16"(W)x20"(D)x2"	
Element Size:	
16"x16"	
Electrical:	115V, 1600 watts, 14.2 Amps
Shipping Weight: 40 Lbs.	
E-BFAAF-1818	18X18" Afford-A-Flash
Heater Dimensions:	18"(W)x22"(D)x2"
Element Size:	18"x18"
Electrical:	220V, 2200 watts, 18.9 Amps
Shipping Weight: 40 Lbs.	

Options;

E-BRACKET	Bracket for heat control
E-HEAT CONTROL	

BBC SPOT HEATERS AND BBC FLASH-A-MATIC ADAPTOR

Black Body Corporation offers an automatic swivel-head flash unit for the printer that doesn't want to constantly watch for cure time when drying. Operates by foot pedal. Priced right for any shop.

Spot Heater Shown With Flash-A-Matic Option

E-BF1-1600SD*	16" X16" Spot Heater 1575 Watt
E-BF1-1800SD**	16" X16" Spot Heater 1873 Watt
E-BF2-2000SD*	18" X18" Spot Heater 1941 Watt
E-BF2-2600SD**	18" X18" Spot Heater 2708 Watt
E-BF3-3001SD**	18" X24" Spot Heater 3127 Watt
E-BF$-4000SD**	24" X24" Spot Heater 3958 Watt
E-BF5-5500SD**	28" X28" Spot Heater 5500 Watt

*120 Volt
**240 Volt

E-BFA-009/FS	Flash-A-Matic Adaptor

FMA INC U.V. DRYERS

FMA U.V. Dryers

FMA UV Light Design Features:

High efficiency reflector design insures optimal UV light output at significantly reduced energy cost.

Easy to maintain UV light hood, cooling equipment and components.

No top-side electrical or "muffin" fans that continually fail. Cooling is provided by a heavy-duty exhaust system. Complete control panel with wattage control, digital belt speed indicator and hour meter.

Easy access for maintenance.

Available in a wide variety of configurations, Call for an exact quote.

AMERICAN ULTRAVIOLET

VARIABLE-SPEED UV CURING SYSTEM

Technical data;
- 10' long overall length, *20' overall length
- Tri-power (125/200/300 wpi)
- Irradiator with cooling fans
- 4' long vacuum hold-down
- Optical shielding with plexiglass light shields
- Conveyor speed variable from 5 to 160 fpm.
- Digital conveyor speed indicator.
- Power supply on casters
- UV resistant fiberglass belt
- UL approved.

Standard conveyor widths are available in 1 or 2 lamps;

30"	#C30/300-1 or 2 lamp
38"	#C38/300-1 or 2 lamp
48"	#C48/300-1 or 2 lamp
*55"	#C55/300-1 or 2 lamp
*60"	#C60/300-1 or 2 lamp
*65"	#C65/300-1 or 2 lamp
*72"	#C72/300-1 or 2 lamp
*77"	#C77/300-1 or 2 lamp

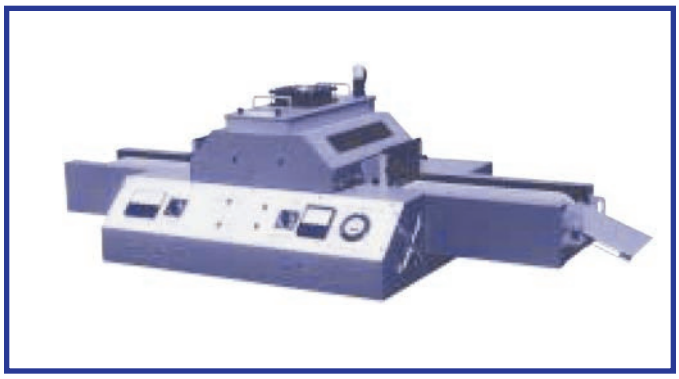
(208/220 or 440V)

Options available;
- Multiple lamp and length
- Over/under lamp systems
- Custom designs
- Ambient air-cooling chamber
- Infrared quartz filters
- Metal additive lamps/400W/in.
- Super cooling feature
- Belt motion detectors
- Non-focused reflectors
- Air-conditioned systems
- Adjustable lamp heights

F.O.B. LEBANON, IN

AMERICAN ULTRAVIOLET UV CURING DRYERS

MINI U.V. DRYER



AMERICAN ULTRAVIOLET MINI UV DRYER

American Ultraviolet manufactures a full line of UV Dryers and offers this mini-UV dryer to the market as a perfect lab UV dryer or small part production UV dryer. This Mini Conveyorized UV Curing System provides production capabilities and intense ultraviolet energy for curing ultraviolet paints, inks, and coatings.
The irradiation system incorporates an elliptical focused heat-sink reflector; six-inch, 300Watt/inch curing lamp; vacuum hold-down and centrally located exhaust cooling fan. To replace lamp, simply lift top cover of irradiator; the side extrusions and shielding remain stationary. The conveyor system is constructed of enameled aluminum with six-inch-wide, UV resistant coated fiberglass belt. A solid-state variable-speed control enables operator to accurately adjust to cure slower UV adhesives, as well as fast-drying UV inks and coatings.

Specifications;
- Tri power (300,200 & 150 wpi) 6" 300 watt/inch lamp
- Vacuum hold-down
- 54"L x 31"W x 22"H; 125 lbs
- 2-100 FPM variable-speed motor

E-AU-MINI American Ultraviolet 6" Mini Conveyor

Options;
- 0-200 FPM variable-speed motor
- 240V, 60HZ or 220V, 50HZ
- 400 watt/inch operation
- Metal Halide additive lamp
- Adjustable lamp height

RETROFIT "ADD-ON" UV CURING SYSTEM

Now one unit can do conventional as well as UV curing. Adding ultraviolet curing to your existing gas, electric or infrared dryer is easy with American Ultraviolet's irradiators, lamps and power supplies. Custom designed exhaust/vacuum systems install below the belt, and the curing system installs on top.
The American Ultraviolet Curing Irradiator Retrofit Kit includes a labeled, digital, encased power supply; a focused, air-cooled lamp assembly; optical shielding; and an optional vacuum/exhaust hold-down with blower-everything you need to convert an existing dryer to air-cooled UV.

The Retrofit UV Curing Systems features include;
- Extruded aluminum, elliptically focused reflector
- Replaceable polished aluminum reflector liners
- Completely wired power supply with lamp intensity controls
- Tri-power (125/200/300 wpi)
- 8'-high voltage key-locked irradiator to power supply connector
- Custom air seals to prevent lamp over cooling
- Optical shielding

Standard conveyor widths are available;

4"	#C1004A	1 lamp
6"	#C1006A	1 lamp
8"	#C1008A	1 lamp
12"	#C10012A	1 lamp
18"	#C10018A	1 lamp
25"	#C10025A	1 lamp
30"	#C10030A	1 lamp
38"	#C10038A	1 lamp
42"	#C10042A	1 lamp
48"	#C10048A	1 lamp
50"	#C10050A	1 lamp
55"	#C10055A	1 lamp
60"	#C10060A	1 lamp
72"	#C10072A	1 lamp
77"	#C10077A	1 lamp (208/230V)

Options available;
- Exhaust/vacuum hold-down with blower and controls
- Plexiglass light shields
- Infrared quartz filters
- Metal halide systems

GEO. KNIGHT HEAT TRANSFER PRESSES

GEO. KNIGHT DIGITAL HEAT TRANSFER PRESSES

The Digital Knight line of transfer presses is the culmination of over four decades of perfecting the design, mechanics and technology of heat transfer press machinery. All of these presses by Geo. Knight & Co boast heavy steel welded frameworks built to hold up over years of heavy use and stress.

At the heart of these machines is a state-of-the-art digital microprocessor control and proprietary heat control circuit field tested beyond 10 million heating cycles. This allows for an unprecedented 3 year warranty on the control. The Digital Knight controller features an oversized LCD display for easy reading of time, temperature, and pressure/height gauge readings. The controller has a surprising array of extremely useful features, such as user programmable presets, automatic timing, finished cycle recording, selectable alarms and much more. Overall, the extremely accurate control and intuitively easy to use interface makes for a reject-free production environment.

The heaters on all platens of the Digital Knight line use an exclusive coil winding technology for dramatically superior evenness and speed of heating. Compared to traditional heating methods, the Geo. Knight & Co SuperCoil-Microwinding™ heater technology out-performs everything else. Of course, all Geo. Knight & Co heat plates are lifetime warranted.

E-DK16 **14 x 16” Digital Clamshell**
E-DK20 **16 x 20” Digital Clamshell**
E-DK20A **16 x 20” DK20 W/Auto Pop-up**

DK16 & DK20 FEATURES

- Fully digital temperature control
- Automatic digital timer
- Digital pressure/height gauge
- 70 programmable presets
- Solid steel welded framework
- Interchangeable tables
- SuperCoil-Microwinding™ heater technology
- Automatic lift/Gas spring action
- Opens up 110° for full access to table
- Temperature readout accuracy +-2°F
- User selectable end-of-cycle alarms
- Teflon-coated 3/4” thick heat platen
- Lifetime warranty on heat platen
- 3 year warranty on control
- 1 year warranty on entire press
- 120V-1800W-15Amp/220V-1800W-8Amp
- 38”(L) x 20”(W) x 16”(H) - 150lbs

E-DK7 **Digital Cap Press**
(Shown Above)

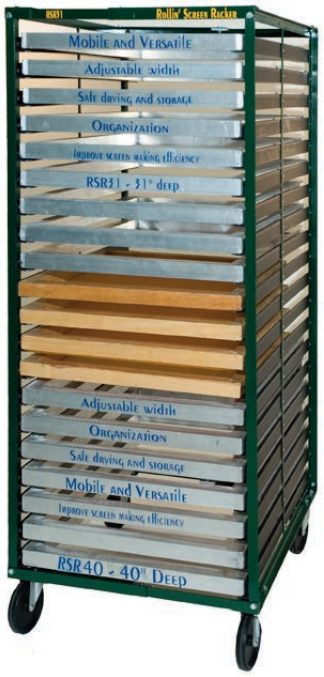
- Fully Digital Cap Press - Same features as the DK16&20, excluding digital height gauge
- 120V-350W-3Amp/220V-350W-2Amp
- 19”(L) x 12”(W) x 18”(H) - 60lbs

E-DK7T **Digital *Twin* Cap Press**

- High production twin loading version of the DK7

Other Models Available

ROLLING SCREEN RACKS



ROLLING SCREEN RACK

The Rolling Rack is the perfect compliment to your shop. It allows you to store your screens and to be able to roll them from screen making to press or wherever needed.
Heavy duty PVC angle (shelves) are capable of supporting heavy loads. All chance of scratching has been eliminated

The racks are adjustable - the ranges are;

RSR31	15" - 26"	20 Shelves	60"Hx31"D
RSR31B	25" - 36"	20 Shelves	60"Hx31"D
RSR31C	35" - 46"	20 Shelves	60"Hx31"D
RSR40	15" - 26"	25 Shelves	74"Hx40"D
RSR40B	25" - 36"	25 Shelves	74"Hx40"D
RSR40C	35" - 46"	25 Shelves	74"Hx40"D

NON-ADJUSTABLE SCREEN RACK

Our screen rack is built with the same quality components as the adjustable rack. This unit holds 20 screen frames, has rubber wheel casters and will hold both 20 X 24 as well as 23 X 31 screen frames including large diameter roller frames without having to angle them. The non adjustable rack will ship UPS. This unit does ship broken down and minimal assembly is required.

E-NGRF Non-Adjustable Screen Rack

SCREEN DRYER

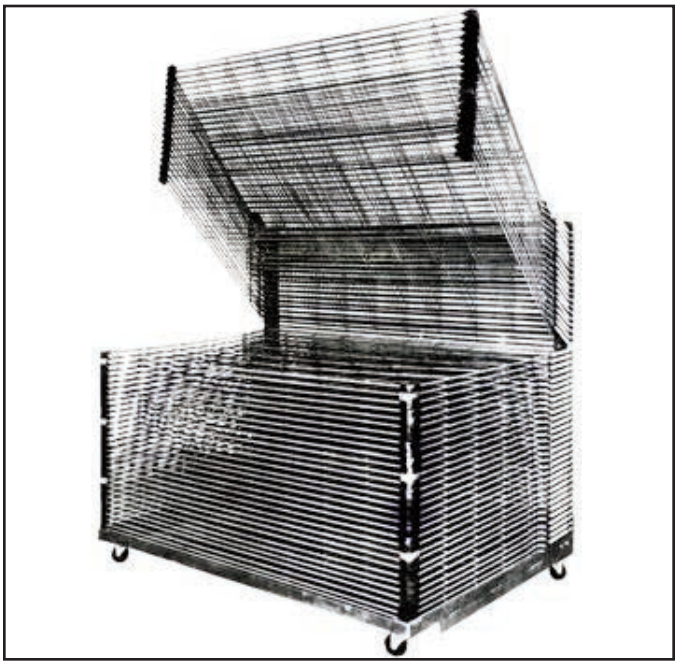
BROWN SCREEN DRYING CABINETS

Designed to stand alone with a functional table top, go double tall for extra storage, or as a base for any Brown exposure unit. These light safe units quickly dry coated screens in a dust free environment. Included is a monitoring thermometer, rheostat controlled heat, filtered air flow, locking casters, and a heavy duty door. Each unit has ten screen shelves. All are 120V, 15A, 3 year heater warranty. Available in single and double versions.

E-BR-SD-2024	20x24" OD Screens Max
E-BR-SD-3740	30x37" OD Screens Max
E-BR-SD-4056	40x46" OD Screens Max

NON-ADJUSTABLE SCREEN RACK

DRYING RACKS



MARK VI MULTI-RACK

The Multi-Rack is built to the highest standards. Compare gauges, materials and methods and you will find none stronger or better. Intelligent design features further push this rack to even higher standards. The Multi-Rack withstands the daily rigors of production year after year. The strength of this rack will support all your drying needs.

Features include;

- Patented rubber feet.
- Galvanized wire.
- The exclusive Floating Bar spring tensioning system

E-MR-223240	22x32" 40 Shelf Rack
E-MR-223250	22x32" 50 Shelf Rack
E-MR-324840	32x48" 40 Shelf Rack
E-MR-3248	32x48" 50 Shelf Rack
E-MR-4052	40x52" 50 Shelf Rack
E-MR-4569	45x69" 50 Shelf Rack
E-MR-5269	52x69" 50 Shelf Rack
E-MR-5281	52x81" 50 Shelf Rack

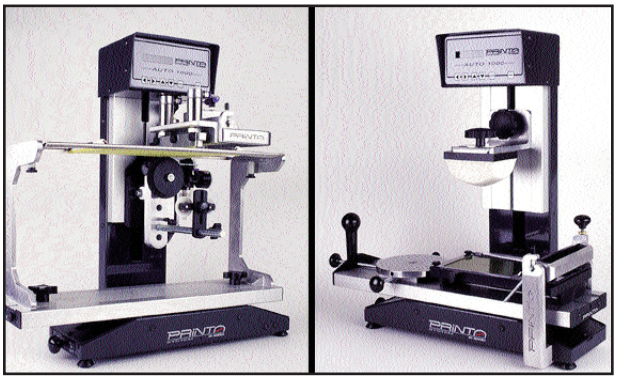
TENSOR 18 RACK

The UPS-able Heavyweight"

Light weight and functional 18x24" tray size holds card, posters and signs. Available in single sided or double-sided models. Includes 4 swivel casters.

E-MR-1824	Single Rack 40 Tray
E-MR-1824-D	Double Rack 80 Tray

NAMCO PAD & SCREEN PRINTERS



Namco has automated the popular Printa Pad Printing and Rotary Screen Printing System for higher efficiency and increased print production. The automated Printa System uses the same modular design as the manual Printa System. Converting between pad an rotary screen printing takes less than five minutes. This enables the operator to master two technologies with one piece of equipment, saving both time and space. As a pad printer you can print on everything from a golf ball to complex industrial products. As a screen printer you can print on cylindrical products ranging in size from pens to gallon pails.

PRI-99110	Manual Pad Printer
PRI-95500	Manual Rotary Screen Printer

NAMCO PAD PRINTING INK

Namco pad printing inks when mixed with Standard Hardener, (mixed 5 parts ink to 1 part catalyst) print on most substrates.

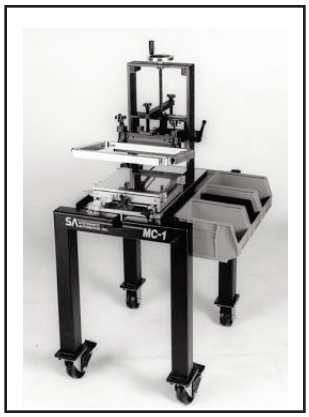
Ink:

PRI-97101	Namco Printa White Ink, 8 oz.
PRI-97102	Namco Printa Black Ink, 8 oz.
PRI-97104	Namco Printa Red Ink, 8 oz.
PRI-97106	Namco Printa Green Ink, 8 oz.
PRI-97105	Namco Printa Blue Ink, 8 oz.
PRI-97107	Namco Printa Gold Ink, 8 oz.
PRI-97401	Standard Namco Epoxy Hardner 4oz.
PRI-97502	Standard Medium Epoxy Thinner
PRI-97402	Namco VR Hardner for Glass & Ceramics
PRI-97701	Namco VR Retarder/Thinner for above

SUPPLIES:

PRI-3900-00	Paper Mixing Cups (pkg. of 20)
PRI-3900-01	Mixing Sticks (pkg. of 20)
PRI-37300	Doctor Blades
PRI-97351	Printing Plates (pkg. of 20)
PRI-97600	Fixture Putty
PRI-97650	Fixture Putty Hardener Paste
PRI-97700	Screen Tint

3-D MANUAL PRINTER



SYSTEMATIC AUTOMATION MC-1MANUAL SCREEN PRINTER

The Systematic Automation Model MC-1 precision Screen Printer combines affordability with versatility and quality to create a manual system which allows the operator to print products from pens to quart size containers with ease. 12" Stroke, comes with 6" squeegee and 7" flood bar. Other sizes available.

E-SA-MC-1 3 Dimensional Screen Printer

3-D SEMI-AUTO PRINTER

SYSTEMATIC AUTOMATION MODEL HLT 3D SCREEN PRINTER

The Systematic Automation Model HLT Precision Screen Printer combines breakthrough engineering, ultimate versatility and quality craftsmanship to create the most sophisticated semi-automatic system in the industry. Backed by more than a decade of development and field testing, the HLT sets new standards for precision and productivity.

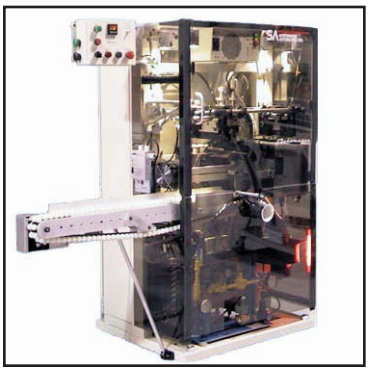
E-SA-HLT 3 Dimensional Screen Printer

3-D AUTOMATIC PRINTERS

PT-8 SEMI-AUTOMATIC 3D SCREEN PRINTER

The Systematic Automation Model PT-8 Series printer is a high speed, high accuracy turret type screen printer designed for imprinting a wide range of cylindrical products. The printer is reliable, fast safe and easy to use.

E-SA-PT-8 3 D Semi-Automatic Screen Printer



PT-8 Some safety equipment removed for photography

T-12UV 3D SCREEN PRINTER

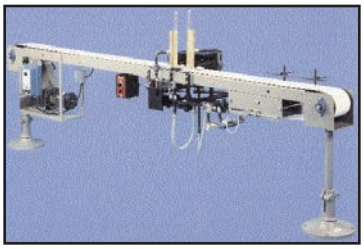
Systematic Automation Model T12-UV printer is a fully automatic, rotary motion, screen printing machine that can produce 24,000 imprints per shift. A ruggedly built, all mechanical Cam drive system assures uncannily accurate indexing and smooth operation.

The T-12 UV printer is easy to use. First color and multi-color registration is performed in pre-press. The precision-pinned screen frame snaps into the printer in seconds. To further increase set-up speed, a conversational operator interface communicates machine conditions to the operator in plain language.

The T-12 UV printer is ideal either as a production printer for single product applications, or for moderate production needs requiring quick changeover. It is compact, ruggedly built and priced to meet your budget needs without compromising quality.

E-T12-UV 3 Dimensional Screen Printer

3-D FLAME TREATER

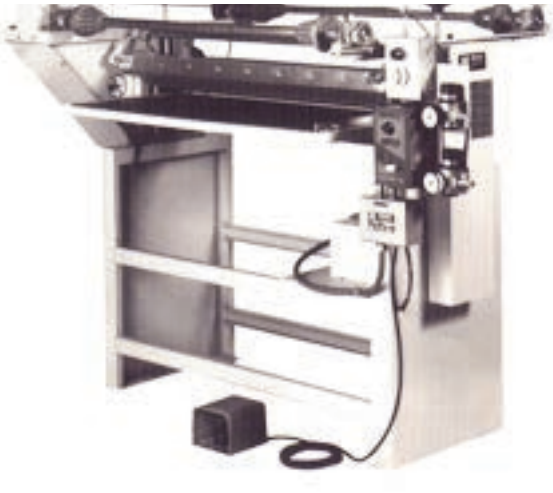


Dependable Conveyorized Flame Treater pretreats round,oval and flat parts It's unique Bottle Rotation System spins round containers 360 degrees in front of burner for reliable, long lasting and even treatment. Rotation system is easily adjustable to accommodate containers from 0-6" diameter.

FT-5 Conveyorized Flame Treater

Walco

ROLL COATERS / LAMINATORS



Model 82 Floor Model Roll Coater

ROLL COATERS

Coating materials of almost any make-up can be applied to a wide variety of stock. Some examples are paint, adhesives, vinyl, wood glue, enamels, oil, photo-sensitive liquids, blueing, UV inks, epoxy, and clear overcoats. Precision adjustments allow exact metering of the coating liquid for uniform coating, saving time and money. Both soft and rigid stock can be either sheet red or roll fed. Available in Top, Bottom or Both Top & Bottom Coating.

Model 55	Bench Model Roll Coater
Model 60	Floor Model Roll Coater
Model 67	Heavy Duty Floor Model

LAMINATORS

The Model 82 Laminator is a sheet fed laminator with sizes up to 62" wide. It offers a full range of accessories, from silicone covered rolls to variable speed drives, making it possible to laminate virtually any overlay material to sheet substrates with a minimum of set up time. Sheet-to-sheet lamination is easy. Precision roll opening adjustment allows laminating soft substrates as well as rigid.
Foot pedal operation is standard. If an interliner must be removed, an automatic rewind should be ordered with the machine.

Model 82	Floor Model Roll Coater

Every Walco machine is backed by The Wallace Company's guarantee of customer satisfaction.

COLOR MIXERS

This tabletop stirrer is adaptable to a wide variety of applications from a small beaker of low viscosity liquid to a gallon of medium-high viscosity liquid. Powerhead slides easily up and down on vertical shaft, locking anywhere with a slight twist of the clamp handle. Slow starts smoothly building to high speeds can be obtained by a gradual turn of the sensitive needle valve. Changes of impellers and shafts of different diameters and pitches can be made quickly using the hex wrench furnished for the sleeve coupling. The Mixed Flow Impellers that come with this unit are capable of giving a mix obtainable with no other blade. Unit consists of stand with vertical rod, machined all angle clamp holder, 4 foot length of oilproof hose with brass fittings, and variable speed powerhead .

ANATOL's FORMULATOR
This automated ink mixing system is a heavy duty mixer capable of mixing quarts to 5 gallon pails of thin to heavy viscosity inks with easy changeover and clean-up of blades. It has a multi-directional, variable speed DC motor. is available in 115 or 220 Vac, single phase. Anatol offers a two year limited warranty on the mixer.

E--IMDC and	Formulator Ink Mixer Includes gallon 5 gallon blade.
E--IMDC-1 and	Formulator Ink Mixer Includes quart gallon blade.

DOUTHITT
PROFESSIONAL EXPOSURE SYSTEMS

DOUTHITT HEAVY DUTY DIRECT METHOD SCREEN MAKER DMZ

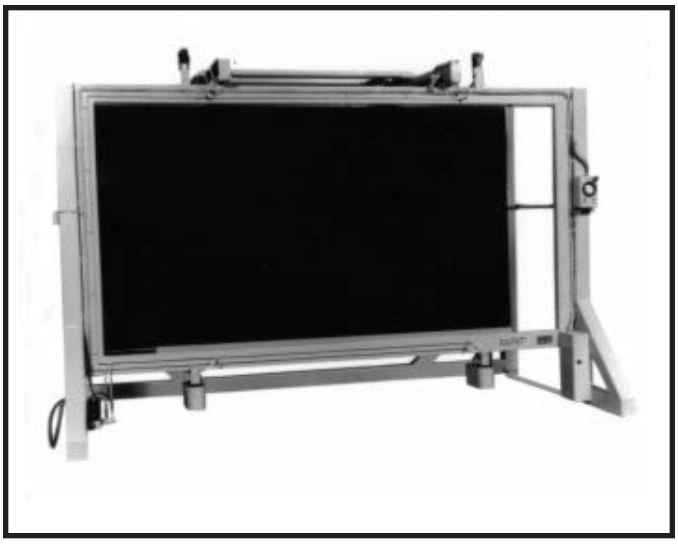
The Douthitt DMZ Direct Method Screen Exposure System is the ideal large format screen exposure system. It's great advantage is that it reduces floor space, is a self-contained light source and provides an easy loading height when using large screens. This eases back pain and stress for the screen room operators. It has an automated start and cancel feature and Douthitt boasts that the DMZ give you guaranteed light exposure because of the pre-set light exposure setting and distance to glass.

Features Include;

- 5000 Watt Metal Halide printing lamp assembly.
- Glass down design. Simply load, close, expose.
- No limit to the height of screen because of Douthitt's "Deep Draw" Black Gum rubber Blanket.
- Heavy Duty Model Magic 83, 10 channel memory combination light integrator and digital timer.
- Completely automatic operation. Vacuum delay and light exposure activated by closing the frame.
- Cooling fans to insure against excessive heat build-up.
- Large and convenient access door on left side of unit.

Standard Sizes:

E-DMZ-5366 53" x 66" Max. O.D. Frame Exposure
E-DMZ-5672 56" x 72" Max. O.D. Frame Exposure
E-DMZ-5858 58" x 58" Max. O.D. Frame Exposure
E-DMZ-7890 78" x 90" Max. O.D. Frame Exposure
(Custom Sizes Available)



DOUTHITT HEAVY DUTY DIRECT METHOD SCREEN MAKER DMV

The Douthitt DMV Direct Method Screen Exposure System is ideal for Extremely Large Format screen exposure system. This is an easy Ergonomic Loading system for large and/or heavy screen frames. Frames are loaded vertically on a heavy duty steel support bar. A motorized blanket frame moves toward the glass frame and air locks to seal the frame. Douthitt's Model 52 Air Pump provides perfect contact of frame to glass.

Features Include;

- Special Douthitt "Deep Draw" Black Gum Rubber Blanket. Under this blanket swiftly molds itself to the shape of the screen frame and holds your positive in perfect contact.
- Douthitt Heavy Duty Model 52 Silent Air Pump.*
- Compressed Air Powered Frame Locks to seal glass and blanket frames.
- Motorized opening and closing of vacuum blanket frame.
- Optic clear A-1 select glass.
- Heavy Duty Steel Loading Bar.

Standard Sizes:

E-DMV-58110 58" x 110" Max. O.D. Frame Exposure
E-DMV-80166 80" x 166" Max. O.D. Frame Exposure
E-DMV-86190 86" x 190" Max. O.D. Frame Exposure
(Custom Sizes Available)

***Needs compressed air.**
Electrical Specifications: 110V, Single Phase, 2 amp

AMERGRAPH SCREEN EXPOSURE SYSTEMS

AMERGRAPH AdVantage®
350 Exposure Units

Features:

* 3000W Instant-Start Metal Halide Point Light Source
* Auto-Optimize Technology will determine the optimum exposure for all materials, in one step. The optimal exposure for a material or application is programmed so each set of materials is consistent and error-free, time after time.
* Specially designed deep-well blanked for intimate contact, with no annoying air strings.
* Double gas-assisted cylinders for easy maintenence of unit.
* Lithium battery backup in our AdVantage 20 Light integrator.
* Disassembles easily to fit through a 30" opening.
* Easy Access Works in a drawer
* 3/8" Optically Clear Glass
* AdVantage 20 Scroll-Set Integrator/ Controller
* Vacuum Gauge
* Single bar latching system
• 34” x 47” Maximum Screen O.D.

AMERGRAPH AdVantage®
150 Exposure Units

Features:

* 1200 Watt Instant Start Metal-Halide Point Light Source designed to handle today's toughest requirements
* 20 Channel Scroll Set Light Integrator featuring Auto-Optimize Technology
* Specially designed blanket for intimate contact with no air strings
* 31" x 41" Maximum Screen O.D.
• 1/4” optically clear glass
* The reliability and dependability of Amergraph's Industry Leading 3 Year Limited Warranty
* Automatic Vacuum Release System

AdVantage® 150 Exposure Unit

AdVantage® 150CTS (Computer to Screen) Exposure Unit

Florence™

Brown Flourence FLV Exposure Units

Dependable exposure. These inexpensive multi-point backlight exposure units are an excellent screen exposure option. They are great combination of fast exposure and a solid screen hold down.

Features:
Vacuum hold down units are the standard of the industry.
Tempered glass.
Allows for a screen drying cabinet option.
120V, 12A

	Max. OD Screen	Timer Type	L/W/H
FLV-2228	22" x 28"	Spring	40x32”x39"
FLV-2931	29" x 31"	Auto Reset	37"x40"x40"
FLV-3451	34" x 51"	Auto Reset	42"x59"x40”

BlackLite™

Inexpensive compression models provide the perfect contact between art and screen while being quiet, low-maintenance performers.For 20x24” maximum outside dimension screens. Simple on/off .

FLC-2024 Blacklite X-Po Exposure Unit

SinglePoint™

Brown Single Point Exposure Units

These maintenance free exposure units have been providing accurate exposure results in thousands of screen shops for over 25 years.

- Electronically timed for accurate results.
- 1000 Watt quartz halogen bulb, 2000 Watt upgrade available
- Single point light source for perfect halftone and fine line exposure.
- Vacuum hold down units.
- Top exposure unit allows for a screen drying cabinet option.
- Tempered glass
- 120V, 15A

	Max. OD Screen	L/W/H
SPV-2228	22" x 28"	40”x32”x66"
SPV-2931	29" x 31"	37"x40"x66"

M Series™

Brown M Series Exposure Units

Rugged, high speed units with digital controls for high production situations.

- Integrated timer with automatic reset.
- 1200 Watt in start metal halide bulb,
- 20 channel scroll set light integrator with 10 preset pro grams
- LED digital display.
- Vacuum hold down units.
- Top exposure unit allows for a screen drying cabinet option.
- Tempered glass
- 120V, 15A

	Max. OD Screen	L/W/H
SPV-2931	29" x 31"	37"x40"x66"
SPV-3451	34" x 51"	42"x59"x66”

OLEC EXPOSURE SYSTEMS

OLEC OLITE® Metal Halide Screen Exposure Systems

Leading high-intensity light sources offering fast, efficient and exceptionally uniform exposures for sharp, durable stencils. A major Olite advantage is the computer designed reflector. It assures uniform coverage without falloff over large frames, eliminating hot spots. Plus solves the problem of light undercutting, along with the unit's targeted "SPECTRAMATCH" (400-420 nanometers) bulbs and high intensities. The special reflector spreads the light in a parallel pattern (colimates) rather than diffusing it like other units.

Features:

208/240Volts, Single Phase
Compact, easy and economical to use.
Service-free rotary shutter.
Efficient CW (consistent wattage) ballasts for high UV output with the lowest power consumption.
No start-up surges and low stand-by power.
Fast start and restart. Long life an consistent exposures maintained through electronic cooling and protective cooling and protective circuitry.

AL-23 2300Watts (2300,1600,1000)
AL-35 3500Watts (3500,2000,900)
AL-53 5000Watts (5000,2500,1000)
AL-83 8000Watts (8000,3500,2000)

Options:

- Floor stand for vertical printing
- Light Integrator and digital timer

SEERITE LIGHT BOXES

These portable light boxes have hundreds of uses in the studio or print shot. Ideal for lining up positives and negatives, examining transparencies or slides, cutting film or masks, negative opaquing, overlays, etc. units feature metal body with carrying handle that doubles as a tilt leg. The top is of heavy acrylic that will accept glass for cutting (not included) via sliding angle bars. All are UL approved with eight foot cord and on/off switch. Daylight fluorescent lamps included.

ST-PC1512-DY 11-1/2x15-3/8" Light Box
ST-PC1624-DY 16 x 24" Light Box
ST PC2436-DY 24 x 36" Light Box

ROCONEX LIGHT TABLES

(Shown with Optional Stand and Shelf)

ROCONEX LIGHT TABLES

Roconex ARTMASTER Series Light Tables are heavy-duty, affordably priced, ruggedly made of heavy gauge steel construction and have a handsome Alpine white baked enamel finish.. Styles include a floor model, floor model with Tilt Kit which adjusts to an angle of up to 15°, and a table model.

Roconex Artmaster light tables are surprisingly low priced yet provide you with all the features usually found on only the most expensive tables. They're good looking, too, and the attractive Alpine white baked enamel finish resists chipping and corrosion. Optional features are available to give you the best-equipped light table on the market.

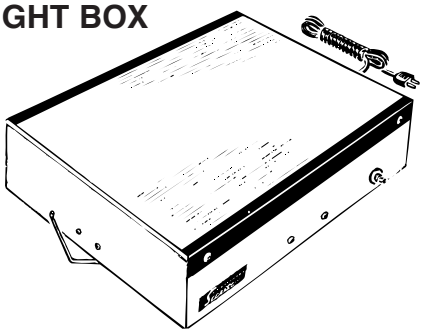
E-AM-24	20x24" Table Model Light Table
E-AM-30	24x30" Table or *Floor Model Light Tables
E-AM-36	24x36" Table or *Floor Model Light Tables
E-AM-40	30x40" Table or *Floor Model Light Tables
E-AM-48	36x48" Table or *Floor Model Light Tables

Options;

E-AM-40-FS	*Floor Stand for Models 30-48
	Tilt Kit for Floor Models
	Full Width 4" Deep Shelf
	Precision-ground Steel Straight Edges
	Natural Wood-Stained Side Panels

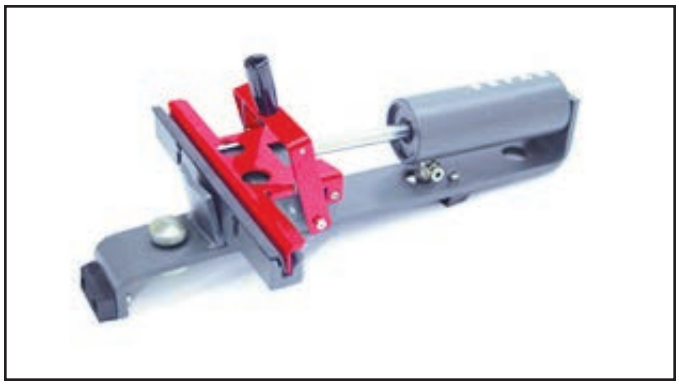
F.O.B. Troy, OH

SEERITE LIGHT BOX



Northwest Graphic Supply Co.
4200 East Lake St. • Minneapolis, MN 55406

SEFAR SST SCREEN STRETCHERS



SEFAR SST
PNEUMATIC SCREEN STRETCHERS

The Sefar SST pneumatic screen stretching clamp system is constructed for heavy duty operation with few moveable parts which make it virtually maintenance free. They are available with clamp jaws in sizes of 9.84 in. (250mm) and 5.9 in. (150mm) length. Both types can be used simultaneously since the pulling force of both clamps is proportionately the same. Therefore, the clamps can be arranged to suit any frame size.

The SST clamps apply a force against the screen frames to pretension them during stretching. After the fabric is glued in place, the release of pressure will allow the frames to put an additional tension force on the fabric for zero-tension cut-away loss. The jaws incorporate a double round, urethane dowel which locks down the fabric and eliminates slippage. This allows for higher tensions on fine meshes without breaking.

The piston and rod are designed in such a manner that they cannot jam. After pressure is released, a release spring automatically pushes the clamps back to their original forward position. The stroke of the piston of the SST stretching clamp is 3.5 in. which is sufficient for the stretching of large frames.

Compressed air is supplied through a control unit to air distributors. Every clamp is equipped with an air hose and quick connect fittings. This facilitates a simple interconnection of clamps and air distributor. The control unit consists of a regulator with a pressure gauge, and an “on” and “off” lever. The regulator can be adjusted to a specified pressure. A needle valve placed after the regulator controls the amount of air applied to the clamps to prevent shocking the fabric during tensioning procedure.

E-TKO-SST-150A	150mm (5.9”) Pneumatic Clamp
E-TKO-SST-250A	250mm (9.84”) Pneumatic Clamp
E-TKO-SST-A120	SST Dual Circuit Control Manifold

GRUNIG SCREEN STRETCHERS

GRUNIG G-210 PREMIUM
MECHANICAL SCREEN STRETCHER

The Grunig mechanical scree printing mesh stretching machine is equipped with the latest, redesigned, easy gliding duplex clamps. Duplex clamps are available in two sizes, 250mm (9.84”) and 150mm (5.9”), both of which ensure ease of use. The duplex clamps effectively eliminate fabric slippage even at the highest tension levels. The G-210 is the first mechanical stretching system to incorporate its own automatic screen frame pre-bowing mechanism. And the first mechanical stretching device to place the screen frame in contact with the mesh, after stretching, by controlled pneumatic pressure. In the event that compressed air is not available, a mechanical frame pressure system is also available.

Benefits:
- Pre-Stressing of Frame
- Capable of Angling Frame
- Stretch Single or Multiple Frames
- Easily Adjusted for Various Sizes
- Can Stretch Different Types of Fabric to Optimum Tension Levels Evenly Across Entire Area
- Fabric is Stretched Independently of Frame

Popular Sizes:

E-G210-29	29.5” x 29.5” Mechanical Stretcher
E-G210-39	39.3” x 49.2” Mechanical Stretcher
E-G210-59	59” x 59” Mechanical Stretcher
E-G210-118	78.7” x 118.1” Mechanical Stretcher

(Many other sizes available)

Options:
- Additional frame supports
- Pneumatic connection
- CD Frame support plate with angle graduation (7.5°, 15°, 22.5°, 30°, 37.5° and 45°)

DIAMOND CHASE TENSION QUICK MANUAL SCREEN STRETCHERS

DIAMOND CHASE TENSION-QUIK ADJUSTABLE FABRIC STRETCHER

Now you can have ONE fabric stretching system that adjusts easily and quickly to any size with only one simple tool.
This newest TENSION-QUIK product is available in any length. Four identical frame sections constitutes a system set. One 1-1/2" hex wrench is included and is used to tension the fabric by rotating the roller bar in each of the four frame sections. The four frame sections are designed to nest together allowing the frame sections to slide back and forth and therefore to adjust to any frame size or proportion. No Bolts or tools are required. This feature allows easy and quick assembly, adjustment to size and disassembly for compact storage.

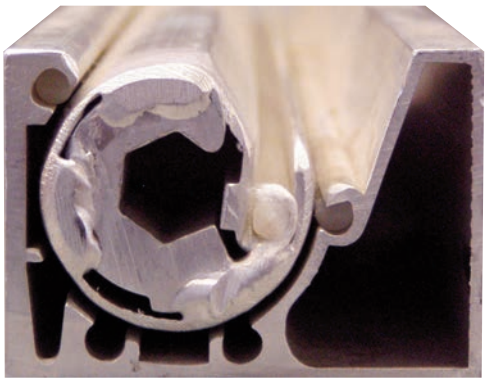
The frame sections are precision extruded of a special aluminum alloy and Heli-Arc welded to give them maximum stiffness and durability. The price is the same for standard or custom sizes. All prices are computed by the inside lineal inch.

Available in Double Rod Top Loading fabric locking system or Keystone Slotted Rod fabric loading system. Please specify.

Standard Size Stretcher;
E-TQ-2525 Tension Quick 25x25" Adjustable Stretcher
(Available in any size)

Accessories;
E-TQ-0005 Tension Quick Allen Wrench
E-TQ-0006 Tension Quick Pizza Roller Insertion Tool

GENERAL OPERATION INSTRUCTIONS



CAUTION:
The roller bars should only be rotated toward you!

NOTE:
If roller bars are removed for cleaning
BE SURE TO CAREFULLY NOTE HOW THEY ARE POSITIONED. If the roller bars are reversed they will NOT work.
To remove roller bars rotate them one third, approximately, and they will come out.
BE SURE LOCKING RODS ARE REMOVED IF ROLLER BAR IS ROTATED A FULL REVOLUTION.

1. Insert frame with the affixing surface facing up. One or more frames can be done at one time.

2. Use hex wrench to position all four roller bars with rod extrusion closest to the inside and affixing frame as shown. Rod opening slot must be in the vertical position at start.

3. Place fabric over roller bar opening. Fabric needs to extend 1" beyond the outside edge of the four rollers. Insert both rods (push first of the two rods in slot and push to center toward affixing frame, then insert second rod next to it and use pizza roller in center of two nylon rods and roll the entire length of groove to set the two in securely). Do all four sides, one side then the opposite side, making sure that the fabric is as square as possible and that it is as tight as can be snugged by hand.

4. Take spanner wrench and tighten a few clicks on each of the four sides. Then continue to snug up by a click or two on each side to the tension desired.

5. Softening the corners prevents tearing fabric. Place insertion tool in the groove and roll back and forth approximately one to two inches at corner. At the same time press on the fabric at the corner to relieve pressure. This is done to all four corners.

6. After desired tension is achieved apply adhesive to the affixing frame as shown in the SCREEN SYSTEMS Adhesive Instruction Sheet.

AUTOMATIC SCANNING SCREEN WASHER

AFFORDABLE AUTOMATIC SCREEN WASHING & RECYCLING

Features:

Eliminate Flammable Solvents: Uses safe biodegradable solvents

Eliminate Mess: Completely closed system.

Eliminate Solvent & Ink Laden Rags: Not needed with the closed system

Cleans Screens Quickly
1 TO 3 MINUTES
No lost time or production

Recycles Chemistry: The least expensive system to operate available

Eliminates Disposal Costs: Only pigment laden filters require costly disposal. (Check with local water treatment facility)

LOW LIFT OVER 9010-3 has a double hinged top with a 34" lift over height

This is the latest advance in automatic screen washing available anywhere. We feel that this is the safest system available for both the worker and the environment. The washer is a electronically controlled, air powered system. This eliminates the need for explosion proof motors that might not remain that way. Air power is the safest source for powering a solvent based cleaning system.

All the operator is required to do is place the screen in the holding easel and push one button. At that point, one of the dual air pumps delivers one of our Screen Systems approved biodegradable cleaning solvents to the scanning spray head. The head delivers wash to the screen at about 100 p.s.i. The fan shaped spray moves across the screen providing maximum surface agitation and pressure. This agitation combined with the solvent power of Screen Systems approved solvents completely cleans any screen in a about one minute in the 9010-1 (sizes to 27x36") or about three minutes in the 9010-3 (sizes to 46x57").

After solvent drains from the screen, it flows into the drain in the bottom of the cleaning chamber and is pumped through a second pump to a series of two filters. This dual filtration design removes particles down to one micron in size from the solvent, effectively removing almost all pigment. Only used filters need to be properly disposed of. From the second filter, the solvent is returned to the reservoir for reuse. Because the solvent is filtered before being returned to the reservoir, there is no sump to clean out. Screen Systems biodegradable solvents are water soluble and easily removed from the screen with water.

The cabinet and most components are made of welded polypropylene. This makes them almost indestructible while being light weight.

Controls are all solid state with easy to read LED display. While a standard cycle time is set at the factory, it can be easily changed to meet any job. The entire system uses 12 volts (standard household current is 115 volts) for absolute safety. A UL approved 12 volt converter is supplied with the system. The automatic washer can not be operated with the top open. Air supplied should not exceed 100 psi or 20 c.f.m. The system allows the effective use of biodegradable solvents while keeping their cost below that of standard solvents.

Also included in the system is a power wash brush that can have wash pumped though it while the operator cleans squeegees, flood bars, mixing tools, etc. The power brush is activated from the control panel and can be used within the top up.

Compressed air source of 100 p.s.i. at 20 c.f.m. required from an external source (not included with washer).

U.S. Patent No. 5,056,948

Model 9010-1 27x36" Automatic Screen Washer
Model 9010-3 46x57" Automatic Screen Washer

AUTOMATIC EMULSION REMOVER

AFFORDABLE AUTOMATIC RECLAIMING

The Screen Systems Automatic Emulsion Remover brings 1000 p.s.i. power to a recirculating system. Using a high powered removing fluid instead of plain water, this system combines the benefits of high pressure and efficient chemistry. A unique priming system allows the use of an electric pump with air powered filtration. The proven fan spray technique provides maximum pressure transfer to the screen. This is the latest advance in emulsion removal available anywhere. We feel that this is the safest system available for both the worker and the environment. All the operator is required to do is place the screen in the holding easel and push one button. At that point, one of the dual air pumps delivers our Screen Systems approved biodegradable emulsion remover to the 1000 p.s.i. pump, then to the scanning spray head. The fan shaped spray moves across the screen providing maximum surface agitation and pressure. This agitation combined with the power of Screen systems approved emulsion remover completely clean any screen in a about one minute in the 9110-1 (sizes to 27x36").

After emulsion remover runs off of the screen, it flows into the drain in the bottom of the cleaning chamber. There it is picked up by the second pump and powered through a bag filter. This removes particles to one micron in size, effectively removing almost all emulsion to be properly disposed of. The emulsion remover fluid is then returned to the reservoir for reuse. Because the remover fluid is filtered before being returned to the reservoir, there is no sump to clean out.

The cabinet and most components are made of welded polypropylene. This makes them almost indestructible while being light weight.

Controls are all solid state with easy to read LED display. While a standard cycle time is set at the factory, it can be easily changed to meet any job. The system uses 12 volts (standard household current is 115 volts) for controls and a 20 amp line for the pressure pump. A UL approved 12 volt converter is supplied with the system. The automatic washer can not be operated with the top open. Air supplied should not exceed 100 psi or 20 c.f.m.

Compressed air source of 100 p.s.i. at 10 c.f.m. required from an external source (not included with washer).

U.S. Patent No. 5,056,948

Features:

1000 P.S.I. Completely cleans

Eliminate Mess: Completely closed system.

Eliminate Mixing and Using Caustic Chemicals in the Open: Not needed with the closed system

Cleans Screens Quickly
Cleans most screens in 60 seconds or less. No lost time or production

Recycles Chemistry: The least expensive system to operate available

Eliminates Disposal Costs: Only pigment laden filters require costly disposal. (Check with local water treatment facility)

Extremely Durable: Welded polypropylene body on an aluminum frame.

SCREEN SYSTEMS WASHER/VIEWER

A COMPLETE SYSTEM FOR RECYCLING BIODEGRADABLE SOLVENTS

Features:

No Electricity Needed!

Eliminate Flammable Solvents: Uses safe biodegradable solvents

Eliminate Mess: Completely closed system.

Eliminate Solvent & Ink Laden Rags: Not needed with the closed system

Cleans Screens Quickly No lost time or production

Recycles Chemistry: The least expensive system to operate available

Eliminates Disposal Costs: Only pigment laden filters require costly disposal. (Check with local water treatment facility)

Extremely Durable: Welded polypropylene body.

This is the latest advance in manual screen washing available anywhere. We feel that this is the safest system available for both the worker and the environment. The washer is a manually controlled, air powered system. This eliminates the need for explosion proof motors that might not remain that way. Air power is the safest source for powering a solvent based cleaning system.

The operator places his screen in the washer/viewer and activates the spray gun. The spray gun delivers 2500, 2550, or 2650 biodegradable cleaning solvent to screen while the operator scrubs into any ink residue with a brush. Ink is easily and quickly broken up by agitation, combined with the solvent power of Screen Systems biodegradable solvents to completely clean any screen in a few minutes.

After solvent drains from the screen, it flows into the drain and is pumped through a series of two filters. This dual filtration design removes particles down to one micron in size from the solvent, effectively removing almost all pigment. Only used filters need to be properly disposed of. Once filtered, the solvent is returned to the reservoir for reuse.

The cabinet and most components are made of welded polypropylene. This makes the unit light weight and almost indestructible.
The entire system uses no electricity, it is powered entirely by air. The Pump Station requires a clean air supply which should not exceed 100 psi or 10 c.f.m. The system allows the effective multiple use of biodegradable solvents while keeping costs below that of standard solvents.

Available in one and two pump versions. The one pump version delivers about 4 gallons per minute, with a slight pulsing action to the spray. The two pump version delivers a steady stream of about 8 gallons per minute.
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Pump Station Only

9020-0	1 Pump Recycler
9025-0	2 Pump Recycler

Specifications Screen Systems Washer/Viewer

Complete 1 Pump System	Complete 2 Pump System	Sink Only	NEW Back Lit Sink Only	Sink Size Frame Size	Maximum Frame
9020-1	9025-1	9030-1	9035-1	54x24x36	33x53"
9020-3	9025-3	9030-3	9035-3	76x24x56"	53x75"
9020-5	9025-5	9030-5	9035-5	100x24x80"	77x98"
9020-7	9025-7	9030-7		124x24x92"	84x120"

PRESSURE WASHER

EMULSION ELIMINATOR III

The Emulsion Remover III Pressure Washer delivers 1000 psi of power delivered through a long lasting brass head pump. The special nozzle on the Eliminator III is completely adjustable from a narrow pinpoint stream to a wide fan spray. The ergonomically designed spray gun and steel lance makes for easy and accurate cleaning of screens.

Specifications;

Water Volume	2.1 GPM
Pump Construction	Brass
Electrical	115V, 60 Hz
Fuse Protection	15 Amp
Maximum Water Temp.	140° F
Nozzle Type	Adjustable

E-44-4616-0 Eliminator III Pressure Washer

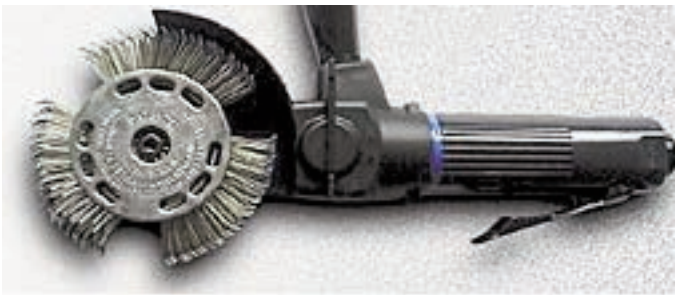
CAST ALUMINUM NOZZLES

This cast-aluminum, specially-designed nozzle won't damage the mesh and can be purchased separately in 9" width. It's smooth rounded design and plastic end caps make this the ideal vacuum tool for use on screens.

AWT-SV-2 9" Cast Alum Nozzle

MONTI-POWER

MONTIPOWER ELECTRIC MOTOR



MONTIPOWER AIR DRIVEN

THE IDEAL TOOL FOR CLEANING FRAMES AND REMOVING ADHESIVE

MBX tools are constructed to optimize the performance of the MBX belts and vinyl eraser. Safety, durability, ease of operation and the ability to perform a wide variety of surface preparation task make the MBX a "must have" tool.

MBX Screen Printing belts will quickly strip epoxy, mesh and ink from aluminum screen frame in a single operation
The cleaned surface has sandblast-like texture which is perfect for bonding new screen mesh
No heat or odor is created when removing epoxy and screen residue
MBX belts clean the surface evenly - so surface contours, sharp edges or uneven texture
New aluminum frames can be textured for initial bonding
MBX belts are safe and durable and can be easily reused for a long performance life.

MBX-USSE-050	Montipower Electric
MBX-USSP-01	Montipower Air Drive
MBX-WF	Wire Wheel Fine
MBX-WM	Wire Wheel Medium*

*Recommended for cured adhesive removal

WEIGHING SCALES

i2600

My Weigh Scales

Professional compact digital scale offering a mammoth weighing capacity that increments in 0.1 gram intervals. Nothing compares in price, performance and quality!! Both the i2600 scale and the i5500 have a 6.5" x 5.25" removable stainless steel weighing platform which is a larger platform than previous models. They also feature a parts counting mode which can count items as small as a button.

My Weigh iBalance 5500 is the perfect higher capacity precision scale. Nothing on the market compares for price and features especially with 5500 grams weighing capacity and in 0.1 gram increments. The iBalance comes complete with an AC Adapter and large 6.5" x 5.25" stainless steel weighing platform. The extra-large backlit LCD makes for easy reading even in poor lighting. The base of the scale has height adjustable rubber feet, these are used in combination with the included level bubble so you can set the scale at a perfectly flat angle (for optimum accuracy). My Weigh i5500 and i2600 digital precision scales read in 7 Standard modes for a wide array of weighing applications.

UACCX-SCALE-1	i2600 Scale
Readability:	0.1(g)
Capacity:	2600g/5.73lb.

UACCX-SCALE-3	i5500 Scale
Readability:	0.1(g)
Capacity:	5500g/12.125lb.

i5500 Scale

PANTONE® Formula Scale 2

Provides fast, accurate reliable ink formulations in seconds. Calculates formulas for over 900 (compatible with PANTONE 1000 Color Range) PANTONE MATCHING SYSTEM® Colors.

Large, bright display with oversized touch-key pad. Simply key in the PANTONE Number and the quantity of ink required. The scale calculates the exact amount of each PANTONE Basic Color required.
There are two models available in both Pound or Gram reading. One scale weighs up to 10 lbs. (approximately one quart UV) and the other up to 50 lb.(approximately 5 gallons UV)

KC-0001	Mixing Scale (Ounce) 10lb.
KC-0001-G	Mixing Scale (Gram) 10lb.
KC-0002	Mixing Scale (ounce) 50lb.
KC-0002-G	Mixing Scale (Gram) 50lb.

Pantone 50lb Scale

AIR PURIFICATION

RSU Space Saver™ Series Odor Controllers

electrocorp
The Simple Solution™

The RSU Space Saver™ Series (Radial Scrub Unit) is cylindrical in shape and, depending on size, has a footprint about the size of a standard 30 gallon aluminum trash can or smaller. this is a ductless, re-circulating air scrubber with built-in casters so it can be easily rolled around on your shop floor. It has 360 degree air-in draw, and is efficient in removing approximately 90% of all gas phase contaminants (VOCs) per air pass. This unit can be rolled into position immediately adjacent to your contaminant creating equipment or work station. It filters the air of dust and contaminant gases, then ejects the cleaned air out the top of the unit to the ceiling. The ceiling to floor air pressure generated by the RSU creates the correct form of air movement needed to force heavier than air VOCs toward the floor to then be captured as they are drawn through the RSU carbon reservoir.
Features Include; Washable pre-filter which collects particles to 10 microns. A refillable carbon reservoir. Casters allow easy placement and removal. UL/DCSA listed blower. Rated to continuously run 24 hours. Internal thermal protection. Six foot power cord. 115V60Hz or 220V/50Hz.

RSU12-C
Air Flow Rate - 250-500CFM
Full load Amps - .74
Height - 22”
Diameter - 12”
Weight Empty - 18 lbs.
Carbon Weight - 15 lbs.
Sound level 1 meter on highest speed - 62dB
Shipping weight w/carbon & palette - 89 lbs.

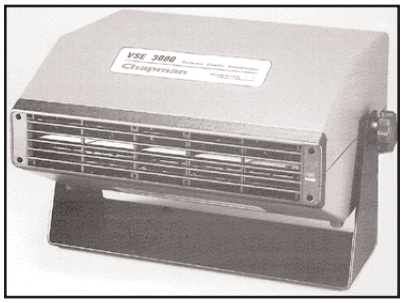
RSU20-C
Air Flow Rate - 500-1000CFM
Full load Amps - 1.3
Height - 31”
Diameter - 14”
Weight Empty - 30 lbs.
Carbon Weight - 35 lbs.
Sound level 1 meter on highest speed - 68dB
Shipping weight w/carbon & palette - 124 lbs.

RSU24-C
Air Flow Rate - 750-1500CFM
Full load Amps - 3.3
Height - 39.5”
Diameter - 20”
Weight Empty - 59 lbs.
Carbon Weight - 60 lbs.
Sound level 1 meter on highest speed - 70dB
Shipping weight w/carbon & palette - 187 lbs.

RSU48-C
Air Flow Rate - 1500-3000CFM
Full load Amps - 4.8
Height - 71”
Diameter - 20”
Weight Empty - 90 lbs.
Carbon Weight - 120 lbs.
Sound level 1 meter on highest speed - 70dB
Shipping weight w/carbon & palette - 338 lbs.

SIMCO STATIC CONTROL DEVICES

SIMCO STATIC CONTROL IONIZERS PROVIDE THE ANSWER FOR YOUR STATIC CONTROL PROBLEMS!

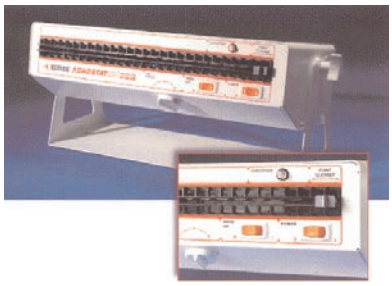


The VSE3000 is an efficient and economical table top workstation ionizer which will eliminate electrostatic charges quickly and reliably. The VSE3000's variable speed fan and integral air flow diffuser floods the entire workstation with static eliminating ions for superior performance. controls static in an area of approximately 2' x 4'.
The VSE3000's patented self-balancing circuitry maintains a balance range of 0+/-5V. Exceptionally quiet, the unit delivers a powerful air flow with low energy loss. Noise levels are low due to sound absorbing materials.
Long life emitter points.
Removable emitter assembly for fast, efficient cleaning.

VSE3000 Volume Static Eliminator

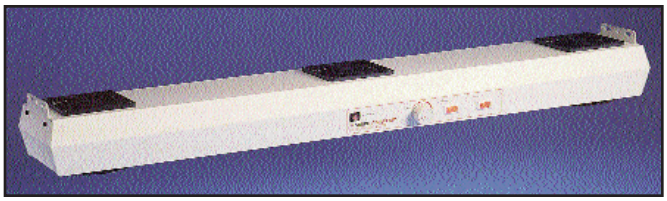
AEROSTAT® EXTENDED COVERAGE IONIZING AIR BLOWER

The Aerostat XC Extended Coverage Bench top Ionizing Air Blower provides excellent coverage, stability of balance, and rapid static charge decay times. The XC can be used in a variety of environments, including clean rooms. It features inherent balance to 0±5V to protect sensitive electronic components. The Aerostat XC features SIMCO's patented emitter point cleaner, and ionization status light, and an integrated heater. The Aerostat XC neutralizes static across a broad (3' x 6') area, and operates on AC technology to provide stable balance over time.



120V, 60Hz.
15.375"W x 4.5"H x 8.125"D
Discharge time 1.5 second at 1'; fan speed high

Aerostat XC Extended Coverage Ionizer Air Blower

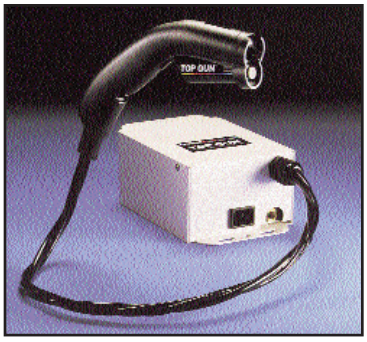


AEROSTAT® GUARDIAN™ OVERHEAD IONIZER

SIMCO's Aerostat Guardian Overhead Ionizer provides superior static charge decay efficiency over the entire work surface area. Equipped with task lighting and an integrated heater, the Guardian offers user-friendly operation while effectively protecting sensitive components from ESD damage.
Featuring SIMCO's patented inherent balance and built-in emitter point cleaners, the Guardian is the lowest maintenance overhead ionizer available. Like SIMCO's other Aerostat series ionizing air blowers, the Guardian operates on AC technology to provide stable performance over long periods of use. It is available with airflow diffusers for superior static charge decay efficiency over a large work surface area. Without diffusers, the Guardian provides fast charge decay directly under the unit for targeted work surface coverage. Effective area 2' x 4'.

Aerostat Guardian Overhead Ionizer

TOP GUN IONIZING AIR GUN



SIMCO's Top Gun is a high-performance ionizing air gun balanced to 0±15V, the Top Gun features high blow-off force to provide efficient cleaning and rapid static charge decay. A filter at the exit of the gun ensures that the air is clean.
The gun body is lightweight but durable. It features a light-touch trigger, making it comfortable even for extended use. All functionality is built into the gun, including a flow control valve, a balance adjustment for calibration, and a two-level LED which indicates both power and ionization. The gun and cable are static dissipative. A hanger is provided for easy mounting.
Blow off Force; 180 grams at 100 psi; 3" from a 2" diameter target.

Top Gun Ionizing Air Gun

AUTOMATIC EMULSION COATERS

GRUNIG AUTOMATIC EMULSION COATERS

Grunig Coaters are typically used in high volume and large format screen print shops. Coaters are available in small format and large landscape or portrait formats.
The **Grunig G-405** Automatic Coating Machine was originally introduced in the North American marketplace in 1979. It is the most advanced technology providing maximum performance for all stencil applications. Sturdy construction assures uniform and even coating results on a complete range of screen printing fabrics. Unsurpassed for efficiency and economy, The G-405 is suited for all textile and screen printing applications within specified screen frame dimensions.
The **Grunig G-411** Automatic Coating Machine yields precise and consistent results with coating thickness tolerances of ±3 microns across the width and length of the coating area. The 15 program memory allows for preset emulsion stencil thickness on a variety of screen mesh. Equipped with a user friendly key pad, easy input of coating instructions such as application speed, number of coatings, dwell time and coating through pressure provide total control over the entire process.
The **Grunig G-420** Automatic Coating Machine is engineered for coating screens with outside dimensions up to 197" x 197". Screens can be loaded and unloaded from either side of the unit, ideal for in-line screen making
The **Grunig G-600** Automatic Coating Machine is fully automatic modular in-line machine for the development of CD stencils.
Electrical: 230V, 1 Phase, 50/60Hz
Compressed Air 110 PSI

Benefits;
- Consistency of Emulsion Deposit
- Repeatability
- Increased Process Control
- Minimal Operator Training
- Decreased Strain and Fatigue on Operator
- Use of Direct Emulsion More Economical than Capillary Film

G-405	Small Format Coating Machine
G-411	Large Portrait Coating Machine
G-421	Large Landscape Coating Machine
G-600	CD In-line Coating Machine

Options;
- Pneumatic Frame Clamping Device
- Multiple Frame Coating

G-405

G-411

G-421

Northwest Graphic Supply Co.
4200 East Lake St. • Minneapolis, MN 55406
nwgraphic.com

SQUEEGEE SHARPENERS

ATMA AUTOMATIC SQUEEGEE SHARPENERS

Liberty offers the ATMA AT-S TOP-QUALITY Automatic Squeegee Sharpeners in two versions (AT-S, Manual Feed-in type) & latest Fully Automatic type (AT-S-A Auto Feed-in type), with ISO9001 & 14001 certified quality featuring elegant design, solid structure, compact size, fine finish, extreme accuracy, superb performance, user friendly operations and environment-friendly energy efficiency, Top-quality of their kind in the market.

The squeegee (mounted readily on a clamp or handle) is held still horizontally by the Squeegee Holder with blade up-right, the Grinding Wheel rotates and travels in shuttle stroke to grind the blade edge. Due to the high resolution of the wheel and steady and smooth shuttle stroke movement, perfect sharpness and straightness are therefore guaranteed.

Adopts Diamond wheel for grinding (single roughness on AT-S type; dual roughness + Digital-Preset Selection + Pneumatic Auto-shifting on AT-S-A type), long life and easy to maintain.

Vacuum Cleaning with vacuum cleaner installed inside machine cabin to collect the ground-off debris.

Electric control (AT-S-A type adopts PLC control) features on/off switches for main power & vacuum, selection switch for manual/auto operation, print head single-stroke buttons and speed tuner. AT-S-A type has further Digital Setting + Display for Shuttle Times/Feed-in Depth (1 each for 2 wheel roughness) & Wheel height

AT-S70	27.5” Automatic Squeegee Sharpener
AT-S100	39” Automatic Squeegee Sharpener
AT-S150	59” Automatic Squeegee Sharpener
AT-S200	78.75” Automatic Squeegee Sharpener
AT-S70A	27.5” Fully Automatic Sharpener
AT-S100A	39” Fully Automatic Sharpener
AT-S150A	59” Fully Automatic Sharpener
AT-S200A	78.75” Fully Automatic Sharpener

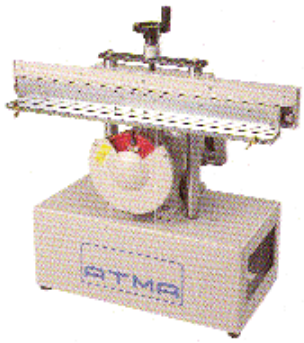
serilor® Diamond Maxi SQUEEGEE SHARPENER

The SERILOR® Manual Squeegee Sharpener is an affordable table top squeegee sharpener that uses a 120 grit indestructible diamond cutting/polishing head for square-edge blade.

Features include;

- 32” x 16” size which fits on any table in the shop.
- Micro adjustment for precise cutting on all squeegee sidths.
- Six profile sharpening wheels available.
- Sharpens all types of squeegee material.
- Easy to operate.
- Quiet.
- On-off switch.
- 110V, 3000RPM motor.

ATMA MANUAL SQUEEGEE SHARPENER



Liberty offers the ATMA Manual Squeegee Sharpener as a professional yet economical solution to your squeegee sharpening needs.

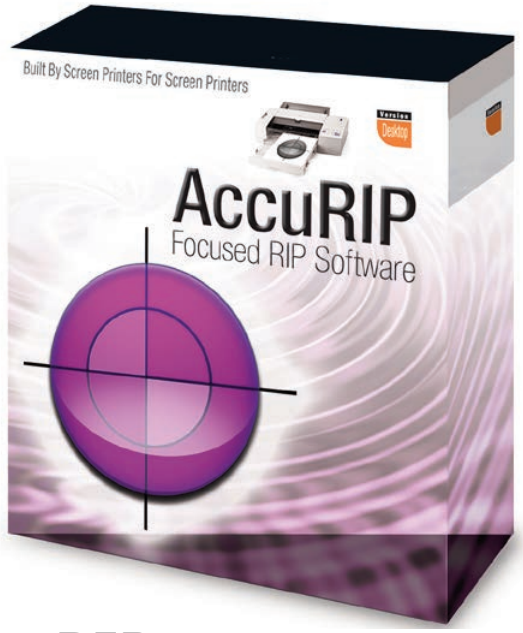
The squeegee (mounted readily on a clamp or handle) is held horizontally by the Squeegee Holder with blade facing down, hand push the squeegee leftward toward rotating wheel for grinding along high-quantity linear rail, so as the stroke limits & speed are controlled (slow & steady speed for right-to-left highly suggested, left-to-right return may be faster).

Stationary Motor-drive design, adopts Sand-belt Wheel for grinding, wheel rotation speed fixed in uniform clockwise direction, perfectly balanced and easy to maintain. With another Stone Wheel at the other end for corner trimming.

Simple single-switch electric control.

AT-S50M
AT-S75M

DIGITAL COMPUTER SOFTWARE



AccuRIP

AccuRIP Software is the industries most popular screen-print RIP for printing high-quality films from an Epson Inkjet. It's quick, easy to use, and accurate - the way software is supposed to be!

AccuRIP's Popularity is Attributed to:
Easy Setup: AccuRIPs Setup Wizard makes the setup process fast and convenient! It auto builds a Print Driver for your selected Epson model. In minutes you are ready to output (print).

Streamlined User Experience: As an on-demand RIP, AccuRIP is always ready and waiting to process your file data and deliver sharp and clean halftones AND solids. No program to launch and manage.

Job Que: A Job Que and Job History Window to review/watch jobs process if you desire.

Direct Application Printing: Nothing beats the convenience of printing directly from the graphics program your file is in. Go to the PRINT Window of any of your design programs and AccuRIP is ready to RIP.

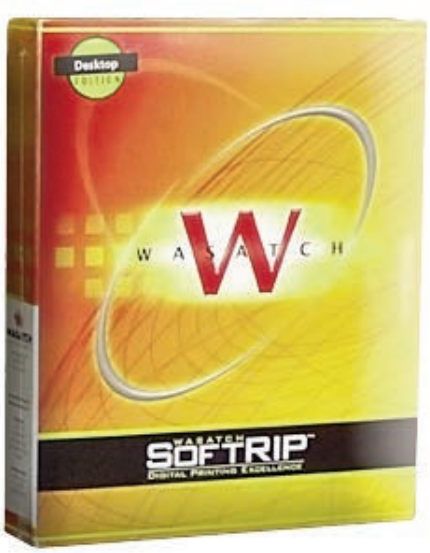
Automatic N-UP Printing: AccuRIP automatically gangs a separation on your film saving valuable output time and media. When your art board / page size is less than half your media's width, the N-UP feature comes into action!

Ink Laydown Control: With numerous ink and film brands available AccuRIP provides the controls to balance ink laydown to your media. A good match delivers needed dMax and a better dry time.

All Black Ink loaded into your Epson: An option for AccuRIP users with select inkjet models. Enjoy the many benefits of running your Epson with EVERY CARTRIDGE filled with high-quality black dye.

AccuRIP 1	Printers to 17"
AccuRIP 2	Printers over 17"

Both work with MAC & PC



SOFTRIP™ from Wasatch

DIGITAL PRINTING EXCELLENCE
Wasatch is sophisticated software made easy. With simple setup, intuitive work flow, and powerful printing controls, SoftRIP saves you time and money while producing excellent quality color. Whatever your printing goals, you will succeed with SoftRIP. *PC ONLY*

Printer	Rip Software
Epson 4880	SoftRIP Desktop
Epson 7880	SoftRIP Sm Format
Epson 9880	SoftRIP Lrg Format

GRAPHTEC DIGITAL PLOTTERS/CUTTERS

GRAPHTEC
GRAPHTEC AMERICA, INC.

CraftROBO Pro

The CraftROBO Pro is a 15” cutter that is the result of years of research and improvements that allowed Graphtec to produce a professional quality cutting plotter to the desktop.

CE5000MK2

The Graphtec CE5000-60 (24") and CE5000-120 (48") engineering class cutting plotters update the extremely successful CE3000Mk2 series with improved features, as well as a cleaner, "greener" electronic design and manufacturing process to minimize the environmental impact of the equipment throughout its life cycle.

FC7000MK2

The new FC7000MK2 series is available in five model configurations: FC7000MK2-75 30”, the FC7000MK2-100 42”, the FC7000MK2-130 54”, the FC7000MK2-160 64” and the series newest size: FC7000MK2-60 24”. Maximum compatible media widths for each model are 30.3”, 36”, 48”, 60”, and 72” respectively.

FC2240

The FC2240 Large Format flatbed cutting plotter is available in 47" x 36" and 68.5" x 36" table sizes, with optional tool head configurations and material hold-down systems. Dual Head Design features 1000 grams and 500 grams maximum down force for more efficient marking and cutting work flows.

INKJET PRINTERS

Epson 1400 Inkjet Printer

The Stylus Photo 1400 is Epson's newest Professional grade desktop printer. Best for that small shop or individual who wants professional results.

Epson R2400 Inkjet Printer

The Epson Stylus Photo R2400 is an advanced 13" Wide desktop printer for Professionals. Developed from the popular R1800 but with the focus on better black ink printing, this model is ideal for producing dense film positives on the smaller scale.

Epson Stylus Pro 4880 Inkjet Printer

The Epson Stylus Pro 4880 is an advanced 17" Wide desktop printer. Best for those who want to take the next step into professional film output on a larger scale

Note: The 4880, 4800 and the 4000 are virtually identical when comparing sizes and output quality. The 4000 and 4800 have been discontinued by Epson and replaced by the 4880.

Epson 7880 Inkjet Printer

The Epson Stylus Photo 7880 is an advanced 24" Wide printer. Truly professional output at a large scale.

Epson 9880 Inkjet Printer

The Epson Stylus Photo 9880 is an advanced 44" Wide professional printer best suited for high production shops or shops that specialize in large format printing.

FREEJET320TX
Direct to Garment Printer

The Omni Freejet 320 is the ultimate in direct to garment printers. It prints brilliant color in the finest detail and solves many of the problems of older models. The sealed and pressurized, bulk ink delivery system eliminates flow problems due to changes in humidity or pressure. A unique wet docking system insures that your print head won't dry out over night. On top of that, it has the ability to clean one color head and line, or multiple heads and lines with its unique pump cleaning system. This makes it easy to store your Freejet for days or weeks at a time without fear of losing a print head. The heavy duty self leveling bed comes with laser automatic height adjustment sensor. Innovative, user friendly DirectRip software and push button control functions make it easy to operate. The Freejet is the answer you have been waiting for in a direct to garment printer.

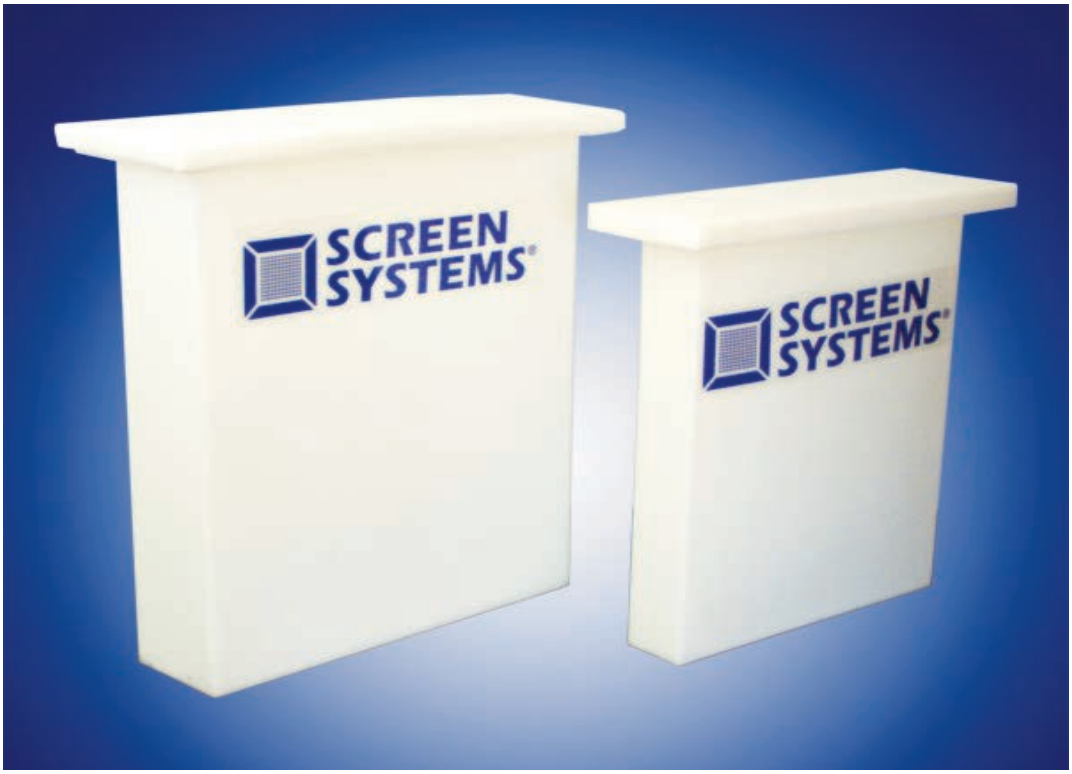
FreeJet 320TX Features:

* Print on demand" inkjet printer prints on DARK and Light Garments in full color.
* Minimal set-up, tear-down, clean-up, and space required.
* 8 color (CMYK Plus 4 Bright White) water-based pigment ink full color printing and can be cured with standard heat press.
* Print time less than 1 minute for most designs on a white shirt.
* Unique Head Cleaning System - Automates Maintenance Processes.
* 13" x 19" maximum print area.
* 100% cotton, 50/50 cotton/polyester printed substrate.
* Single and double print modes.
* 2800 x 1440 (dpi) Max print resolution. Great for photo quality prints!
* Print directly from your PC, just like a desktop printer.
* Fast RIP with NO processing time
* Removable T-shirt pallets

Specifications:

Printing Method: Piezo InkJet
Printable area: Standard Shirt Board (13 in x 18 in)
- Hat Platten, Infant, Youth, Sleeve available
Dimension: 22.6 in x 35.5 in x 17.7 in (W X L X H)
Weight: 190 lb
Printing Speed 10x8 Image:
(Black & Colored Garments =4 Min)
(White Garment =Under 1 minute)
Maximum Thickness: 4.75 in
Maximum Product Weight: 66 lbs
Interface: USB
Resolution Max: 2880 X 1440 DPI
8 Ink channels using White Ink: (C, M, Y, K, White, W,W,W; Water Based Ink)
Ink supply system: Bulk Ink 200ml Sealed ink tank system
Power supply AC 110 - 220V +/- 10% 60/50Hz, 25W
Operating System Windows 95, 98,ME,NT,2000,XP, MAC (only USB using emulator)
Rip: OmniPrint Direct Rip
Surroundings Temp: 10-35¬∞ Humidity 20-80%
Printable Media: 100% Cotton and cotton Blends

Dip Tanks



Features:

Extremely Durable: Small and Medium sized tanks are made of molded polyethylene. Larger custom sized tanks are made of welded 3/8th" polypropylene.

Customizable:

Custom sizes are available. Drains available on all sizes and false floors can be added on custom tanks.

Small Dip Tank with Lid
Inside Dimensions:
24" Length x 4.5" Width x30" Depth
Overall Capacity: 15 Gallons.
Max Screen Size: 23"x28"
Recommended Screen Capacity: 2 Frames

Medium Dip Tank with Lid
Inside Dimensions:
30"Lx8"Wx36"D
Overall Capacity: 37 Gallons.

Max Screen Size: 25"x33"
Recommended Screen Capacity: 4 Frames

Custom Dip Tanks Available
For sizes larger than 30"Lx8"Wx36"D

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